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NIST PUBLICATIONS



NIST Special Publication 260-100  
U.S. DEPARTMENT OF COMMERCE  
Technology Administration  
National Institute of Standards and Technology

NIST

STANDARD  
REFERENCE  
MATERIALS

To Order  
Phone: 301-975-6776  
Fax: 301-948-3730  
E Mail: SRMINFO@nist.gov  
HTTP: //ts.nist.gov/srm

1998

S

PRICE  
LIST



Zr

Mg

SRM®

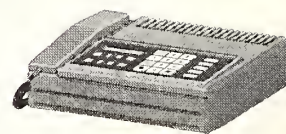
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## FOUR EASY WAYS TO ORDER!!



By PHONE  
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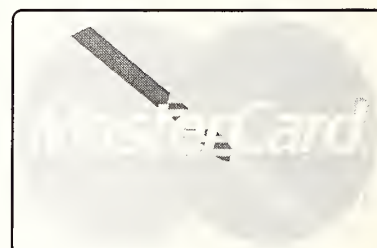


By FAX  
(301) 948-3730

National Institute of Standards & Technology  
Standard Reference Materials Program  
Building 202, Room 204  
Gaithersburg, MD 20899



By  
E-MAIL:  
[srminfo@nist.gov](mailto:srminfo@nist.gov)



VISA & MASTERCARD ACCEPTED!



# Standard Reference Materials<sup>®</sup> Program

## 1998 Price List and Updated Certificate Listing

### NIST FY 97 Production and Certification Highlights

*Specially Reduced Prices for Selected SRM<sup>®</sup>s*

*Revised Ordering Procedures*

*19 New SRMs Certified*

*133 Renewal SRMs Certified*

*156 SRMs Under Development*

*30 Certificates Updated*

Prices effective January 5, 1998



**NIST Standard Reference Materials  
with Reduced Prices**

Technical Category	SRM Number	SRM Description	Old Price	New Price	Diff.
101	14G	CARBON STEEL, 0.8 C	\$ 191	\$ 177	\$ -14
101	19H	CARBON STEEL, 0.2 C	189	173	-16
101	33E	LA STEEL, NI-MO (SAE 4820)	207	184	-23
101	100B	LA STEEL, MANGANESE (SAE	187	167	-20
101	107C	CAST IRON (NI-CR-MO)	205	182	-23
101	152A	CARBON STEEL, 0.5 C	186	171	-15
101	178	CARBON STEEL, 0.4 C	192	167	-25
101	339	SS: SAE 303SE	187	167	-20
101	347	MAGNESIUM FERROSILICON	187	176	-11
101	663	LOW ALLOY STEEL CR-V (MOD	222	216	-6
101	868	HI TEMP ALLOY FE-NI-CO	324	279	-45
101	892	NI-HARD, TYPE IV	240	205	-35
101	893	STAINLESS STEEL SAE 405	208	194	-14
101	895	STAINLESS STEEL SAE 201	206	193	-13
101	1089	GASOMETRIC SET, 1095-99	264	200	-64
101	1093	STEEL (VALVE) OXYGEN	229	185	-44
101	1138A	CAST STEEL 1	249	209	-40
101	1139A	CAST STEEL 2	249	209	-40
101	C1145A	WHITE CAST IRON	256	212	-44
101	1158	HA STL, NI-36	204	169	-35
101	1173	NI-CR-MO STEEL	256	217	-39
101	C1173	CAST STEEL 3	223	202	-21
101	1219	SS: AISI 431	239	206	-33
101	1254	CA IN STEEL	189	165	-24
101	1295	STAINLESS STEEL SAE 405	273	252	-21
101	C1296	STAINLESS STEEL	319	287	-32
101	1754	STEEL (AISI 4320)	200	186	-14
101	1762	LOW ALLOY STEEL	252	220	-32
101	1764	LOW ALLOY STEEL	252	220	-32
101	1765	LOW ALLOY STEEL	252	220	-32
101	1766	LOW ALLOY STEEL	252	220	-32
101	1767	LOW ALLOY STEEL	252	220	-32
101	2159	CARBON-SULFUR PINS	319	277	-42
101	2160	CARBON-SULFUR PINS	319	277	-42
101	2166	LOW ALLOY STEEL	226	204	-22
101	2167	LOW ALLOY STEEL	226	204	-22
101	2171	LA STEEL (HS LA-100)	222	207	-15
101	C2402	HA STEEL HASTALLOY	294	245	-49
101	1254D	BEARING METAL (TIN BASE)	188	170	-18
102	458	BE COPPER C17510	228	215	-13
102	459	BE COPPER C17200	228	215	-13
102	460	BE COPPER C17300	228	215	-13
102	648	TI (SAL-2SN-2ZR-4C4-4MO)	203	184	-19
102	649	TITANIUM ALLOY 15V-3AL-3C	186	177	-9
102	671	NICKEL OXIDE 1	173	167	-6
102	673	NICKEL OXIDE 3	177	155	-22
102	855A	ALUMINUM CAST ALLOY 356	214	197	-17
102	862	HIGH TEMPERATURE ALLOY L-	307	277	-30



**NIST Standard Reference Materials  
with Reduced Prices**

Technical Category	SRM Number	SRM Description	Old Price	New Price	Diff.
102	866	INCOLOY	\$ 343	\$ 274	\$ -69
102	867	INCOLOY	343	274	-69
102	875	CUPRO-NICKEL, CDA 706	162	154	-8
102	879	NICKEL SILVER, CDA 762	177	164	-13
102	880	NICKEL SILVER, CDA 770	177	164	-13
102	C1114	GILDING METAL C CHL CST	263	200	-63
102	1115	BRONZE CML. A WRGHT	263	200	-63
102	C1115	BRONZE CML. A CHL CST	263	200	-63
102	C1117	BRONZE CML. C CHL CST	263	200	-63
102	1129	SOLDER (63SN-37PB)	359	313	-46
102	1242	HIGH TEMP ALLOY L-605	355	319	-36
102	C1248	NICKEL-COPPER ALLOY (M35)	333	275	-58
102	1712	ALUMINUM ALLOY 3004	339	326	-13
102	1713	ALUMINUM ALLOY 5182	339	326	-13
102	1714	ALUMINUM ALLOY 5182	339	326	-13
102	1715	ALUMINUM ALLOY 5182	339	326	-13
102	C2416	BULLET LEAD	349	295	-54
102	C2417	LEAD-BASE ALLOY	349	295	-54
102	C2418	HIGH-PURITY LEAD	349	295	-54
102	2431	TI ALLOY 6AL-2SN-4ZR-6MO	223	212	-11
102	2432	TI ALLOY 10V-2FE-3AL	223	212	-11
102	1872	GLASS MICROPROBE PB-GE	371	271	-100
102	142	ANISIC ACID	104	96	-8
104	977	BROMINE ISOTOPIC REF	152	130	-22
104	979	CHROMIUM ISOTOPIC REF	152	130	-22
105	925	VMA-CLINICAL	163	127	-36
105	1400	BONE ASH	287	258	-29
105	1486	BONE MEAL	287	258	-29
105	1599	2 ANTICONVULSANT DRUGS	265	196	-69
105	1952A	CHOLESTEROL IN HUMAN SER	222	190	-32
105	2381	MORPHINE-CODEINE IN URINE	341	296	-45
105	2382	MORPHINE-GLUCORONIDE IN U	296	259	-37
105	2389	AMINO ACIDS IN 0.1 MOL/L	192	179	-13
105	2582	POWDERED PAINT NOMINAL 20	190	185	-5
105	2678	MEMBRANE BLANK FILTER	209	178	-31
105	8430	AST ENZYME HUMAN SOURCE	190	161	-29
105	8444	COTININE IN FR DR URINE	219	185	-34
106	2713	LEAD IN REF FUEL, .013G/L	168	147	-21
106	2714	LEAD IN REF FUEL, .019G/L	168	147	-21
106	8505	VANADIUM IN CRUDE OIL	96	92	-4
107	2625A	CO2/N2 3.5%	914	630	-284
107	2745	CO2/N2, 16 MOLE PERCENT	1235	1227	-8
107	2750	CH4/AIR, 50 UMOL/MOL	1092	1084	-8
108	1633B	COAL FLY ASH	299	277	-22
108	1635	TRACE ELEMENTS IN COAL	199	159	-40
108	1818A	CHLORINE IN LUBR BASE OIL	346	326	-20
108	1837	METHA'OL, B UT'OL IN FUEL	165	139	-26
108	1839	METHANOL IN REF. FUEL	165	139	-26

**NIST Standard Reference Materials  
with Reduced Prices**

Technical Category	SRM Number	SRM Description	Old Price	New Price	Diff.
108	2286	ETHANOL IN GASOLINE 2%	\$ 240	\$ 235	\$ -5
108	2689	FLY ASH, LOW LIME	192	158	-34
108	2690	FLY ASH, MEDIUM LIME	192	158	-34
108	8507	MINERAL OIL/MOISTURE	231	205	-26
109	1543	GC/MS SYSTEM PERFORMANCE	126	122	-4
109	1580	SHALE OIL	310	306	-4
109	1586	ISOTOPE LABEL POLLUTANTS	305	228	-77
109	1596	NITROPYRENES IN CH2CL2	450	354	-96
109	1639	HALOCARBONS FOR H2O	312	233	-79
109	8466	PESTICIDE, LINDANE	199	182	-17
109	8467	PESTICIDE, 4,4'DDE	237	214	-23
109	8469	PESTICIDE, 4,4'DDT	220	199	-21
110	1573A	TOMATO LEAVES	276	255	-21
110	8413	CORN (ZEA MAYS) KERNEL	160	155	-5
110	8414	BOVINE MUSCLE	160	155	-5
110	8415	WHOLE EGG	160	155	-5
110	8416	MICRO CELLULOSE	160	155	-5
110	8418	WHEAT GLUTEN	160	155	-5
110	8432	CORN STARCH	160	155	-5
110	8437	HARD RED WHEAT	160	155	-5
110	8438	SOFT WINTER WHEAT	160	155	-5
111	25D	MANGANESE ORE	155	134	-21
111	182	LITHIUM ORE (PETALITE)	107	98	-9
111	886	REFRACTORY GOLD ORE	222	210	-12
111	2430	SCHEELITE ORE	185	163	-22
111	8455	PYRITE ORE	109	105	-4
112	607	POTASSIUM FELDSPAR	123	106	-17
112	887	CEM CARBIDE (W83-Co10)	188	167	-21
112	888	CEM CARBIDE(W64-Co25-Ta5)	188	167	-21
112	1834	SIMULATED FUSED ORE	404	341	-63
112	1834A	SIMULATED FUSED ORE	404	341	-63
114	1051B	METALLO-ORGANIC-BA	118	104	-14
114	1052B	METALLO-ORGANIC-V	117	113	-4
114	1060A	METALLO-ORGANIC-LI	118	104	-14
114	1075A	METALLO-ORGANIC-AL	118	104	-14
114	1078B	METALLO-ORGANIC-CR	116	103	-13
114	1079B	METALLO-ORGANIC-FE	118	104	-14
114	1084A	WEAR METALS IN OIL, 100 P	261	229	-32
201	2181	HEPES, PH	168	148	-20
201	2182	HEPES-SODIUM SALT, PH	168	148	-20
201	2183	MOPSO	262	236	-26
201	2184	MOPSO SODIUM SALT	262	236	-26
202	1480	POLYURETHANE	302	271	-31
202	1487	(POLYLMETH, METHAC) 7K MW	407	336	-71
202	1488	POLY(METH.METHAC.) 29KMW	414	334	-80
202	1489	POLY(METHYL-METHACRYLATE)	423	317	-106
202	1496	POLYETHYLENE RESIN	289	239	-50
202	1497	POLYETHYLENE RESIN	289	235	-54
202	1923	POLYETHYLENE OXIDE	185	176	-9

**NIST Standard Reference Materials  
with Reduced Prices**

Technical Category	SRM Number	SRM Description	Old Price	New Price	Diff.
203	GM754	ICTA POLYSTYRENE DTA	\$ 137	\$ 121	\$ -16
203	743	MERCURY FREEZING POINT	345	222	-123
203	1449	FUMED SILICA THER. RES.	784	780	-4
203	1459	FUMED SILICA THER. RES.	454	450	-4
203	1656	THIANTHRENE COMBUSTION	260	199	-61
203	1968	GALLIUM MELTING POINT	541	356	-185
203	1969	RUBIDIUM TRIPLE POINT	1676	1122	-554
203	1971	INDIUM FREEZING POINT	1141	810	-331
203	2225	DSC ENTHALPY-MERCURY	312	261	-51
203	8424	GRAPHITE TH CONDUCTIVITY	325	241	-84
204	1010A	MICRO COPY TEST CHARTS	57	55	-2
205	4222C	CARBON-14-N-HEXADECANE	980	821	-159
205	4352	HUMAN LIVER	521	386	-135
205	4370C	EUROPIUM-152	670	512	-158
205	4947C	HYDROGEN-3 (TOLUENE)	670	512	-158
205	4952C	RADIUM-226 BLANK SOLN	570	512	-58
205	4966	RADIUM-226 268 BQ/G	517	466	-51
207	475	AR CR OPTICAL LINEWIDTH	6820	5696	-1124
207	476	LINEWIDTH MEASUREMENT STA	5068	4114	-954
207	2137	BORON IMPLANT IN SILICON	1266	1050	-216
207	2321	SN-PB ALLOY COATING ON CO	487	418	-69
207	2531	SIO2 - THICKNESS - 50 NM	1917	1565	-352
207	2534	SIO2 THICKNESS - 25 NM	1864	1565	-299
208	774	GLASS DIELECTRIC CONSTANT	467	321	-146
209	8495	KRAFT PULP SOFTWOOD	96	92	-4
209	8496	KRAFT PULP HARDWOOD	96	92	-4
301	1963	POLYSTYRENE SPHERES; 0.1	525	450	-75
301	1965	MICROSPHERE SLIDE, 10 UM	155	137	-18
301	1978	ZIRCONIA POWDER-PARTICLE	213	194	-19
302	1895	MICROHARDNESS NI-KNOOP	687	542	-145
302	1907	MICROHARD NI-KNOOP 1000	687	542	-145
302	2074	SINUSOIDAL ROUGHNESS SPEC	1166	1021	-145
302	2075	SINUSOIDAL ROUGHNESS SPEC	1436	1194	-242
302	2350	NICKEL STEP TEST	605	433	-172
303	1851	PENETRANT BLOCK MATTE	773	533	-240
303	1853	MAGNETIC PARTICLE TEST RI	895	786	-109
305	1002D	SURFACE FLAMMABILITY	341	284	-57
305	1012	FLOORING RADIANT PANEL	299	228	-71
305	1048	CUP FURNACE SMOKE TOXICIT	384	332	-52
309	1810A	LINERBOARD	114	107	-7
309	2083	SOCKETED BALL BAR	3459	2578	-881
309	2084	CMM PROBE PERFORMANCE	1667	1564	-103



# *Ordering NIST Reference Materials*

## **General**

Purchase orders (in English) for all NIST SRMs/RMs should be directed to:

National Institute of Standards and Technology  
Standard Reference Materials Program  
Room 204, Building 202  
Gaithersburg, MD 20899-0001  
USA

Telephone: (301) 975-6776  
Fax: (301) 948-3730  
E-Mail: SRMINFO@nist.gov  
WWW: <http://ts.nist.gov/srm>

Each purchase order should give the number of units, catalog number, and name of each reference material requested.

Example: 1 each, SRM 79a Fluorspar (Customs Grade).

The following information must be included with each order: a billing address, a shipping address, name of customer, telephone number, fax number, purchase order number, a customer identification number, i.e., a social security number (SSN) for consumer customers, tax identification number (TIN) for commercial customers, or agency code (ALC) for U.S. government customers.

**Note:** NIST SRMs/RMs are only distributed in the units of issue listed in the catalog and its supplement (price list).  
**Acceptance of an order does not imply acceptance of any provisions set forth in the order that are contrary to the policy, practice, or regulations of the National Institute of Standards and Technology or the United States Government.**

## **OUT-OF-STOCK MATERIALS**

Orders for out-of-stock SRMs/RMs are generally filled with the renewal reference materials- if available; otherwise the orders will be canceled. Customers are notified when an order is canceled and their names are placed on a notification list. This list is used to contact customers when the reference material (or its renewal) is again available. Upon notification, customers are told the price of the materials and are asked to submit a new order if they still wish to purchase it.

For some SRMs/RMs, production lots are small and stock outages frequently occur. In these cases, the notification list is used to fill orders on a "first come, first served" basis. Customers are contacted when the reference materials are again available and are asked to confirm their original purchase orders.

## **TERMS AND CONDITIONS**

Prices quoted for SRMs/RMs are in U.S. dollars (\$), and are published in the catalog supplement (price list). The prices shown therein are subject to change without notice and orders will be invoiced for the prices in effect at the time of shipment. Shipping and handling charges for regular and special (for SRMs in restricted categories) shipments are also applied to all orders. These charges will be added to the invoices.

**Note:** A 10% discount is given on individual purchase orders for 50 or more SRM units (single SRM, or combination of SRMs).

Payment of invoices is expected within 30 days of receipt for domestic orders - 45 days of receipt for foreign orders, and may be made by any of the following:

- \* Banker's draft against U.S.A. bank,
- \* Bank to bank transfer to U.S.A. bank,
- \* Cash against documents,
- \* Visa , Discover, or Mastercard only,
- \* International money order.

## **LATE CHARGES**

In accordance with U.S. Treasury regulations, late charges will be levied for each 30/45-day period, or portion thereof, that an invoice payment is overdue.

## **PROFORMA INVOICE (PRICE QUOTATION)**

Proforma invoice service requires 3 to 4 weeks to process and is furnished only to those customers requiring such service.

## **DOMESTIC SHIPMENTS**

SRM/RM shipments within the continental U.S. are shipped F.O.B. Gaithersburg, MD. There are several shipping modes which can be used, including UPS Ground, Federal Express, Air Freight, and Motor Freight (Collect). Unless otherwise instructed by the customer, the mode of shipment will be selected by NIST. Fewer shipping modes are available to SRMs/RMs in restricted categories and NIST reserves the exclusive right to select the proper shipping mode for these types of shipments. For restricted SRM/RM shipments, an additional charge is incurred for each shipping container used. This charge is added to the invoice.

## **FOREIGN SHIPMENTS (AND SHIPMENTS TO ALASKA AND HAWAII)**

SRM/RM shipments outside the contiguous U.S. are also shipped F.O.B. Gaithersburg, MD by one of the following modes, including UPS International, Federal Express International (subject to size, weight, and category of materials limitations), and Air Freight. Unless otherwise instructed by the customer, the mode of shipment will be selected by NIST. Any other mode of shipment requested by the customer must be paid by the customer. Fewer shipping modes are available to SRMs/RMs in restricted categories and NIST reserves the exclusive right to select the proper shipping mode for these types of shipments.

## **RESTRICTED SHIPMENTS - DANGEROUS GOODS (HAZARDOUS MATERIALS)**

Some SRMs/RM are classified as "Dangerous Goods" by the U.S. Department of Transportation (DOT), the International Civil Aviation Organization (ICAO), or the International Air Transport Association (IATA). These organizations have published regulations and procedures for packaging and shipping dangerous (hazardous) goods which must be followed to safely transport these materials. Such regulations and procedures are very specific and do not allow exceptions. NIST reserves the exclusive right to select the proper packaging and shipping mode to assure the shipments comply with these regulations and procedures.

## **RESTRICTED SHIPMENTS - TEMPERATURE SENSITIVE MATERIALS**

Some SRMs are extremely temperature-sensitive and will perish unless shipped by the most expedient mode available. To ensure the stability of these materials, they must be packaged with cool packs or dry ice, which will maintain the necessary low temperatures for a short period of time. However, several SRMs are so temperature-sensitive that they are restricted to domestic sales only, and must be shipped according to a set schedule.

## **DOCUMENTATION (ALL DOCUMENTS ARE PRINTED IN ENGLISH)**

The documentation NIST furnishes are:

- a. Commercial invoice(s),
- b. Packing slip(s),
- c. Air waybill for air shipments (provided UPON REQUEST ONLY),
- d. NAFTA Certificate(s) (when applicable),
- e. SRM/RM Certificate(s) - one (1) for each unit ordered: (when appropriate)
- f. Material Safety Data Sheet(s) - one (1) for each type or ordered material requiring it.

**CUSTOMERS ARE REQUIRED TO INSPECT ALL PACKAGES AND DOCUMENTATION IMMEDIATELY UPON RECEIPT OF SHIPMENT. ANY DAMAGE, SHORTAGES OR DEFECTS MUST BE REPORTED TO SRM PROGRAM SALES OFFICE AT (301) 975-6776, WITHIN FIVE (5) DAYS OF RECEIPT OF SHIPMENT.**

## **RUSH SHIPMENTS**

Requests for rush shipments will be accommodated when possible. However, they will be made in compliance with existing regulations pertaining to the SRMs/RMs being shipped and when hazardous materials are involved, all regulations governing their transportation will take precedence. The following types of rush shipments are available:

- \* Same day shipping - Orders must be placed by **10:00 AM Eastern Standard Time (EST)**. In addition to the normal shipping fees, a processing fee of \$50.00 will be added to the customer's invoice.
- \* Next day shipping - In addition to the normal shipping fees, a processing fee of \$25.00 will be added to the customer's invoice.

**(Exception: Hazardous materials will not be shipped the same day.)**

## **RETURNED GOODS**

NIST SRMs/RMs are generally not returnable - with the exception of defective goods or shipments made in error by NIST. However, normal transaction of business inevitably requires the occasional return of merchandise for exchange or credit. NIST has therefore instituted the following returned goods policy:

- \* Return shipments are accepted by NIST only **after** specific arrangements to do so have been made. To return a SRM/RM, SRM Program Sales Office must be contacted to obtain a Return Authorization Number and shipping instructions. **REQUESTS FOR RETURN AUTHORIZATION MUST BE MADE WITHIN THIRTY (30) DAYS OF RECEIPT OF SHIPMENT.**

\* Return shipments of hazardous SRMs/RMs authorized by SRM Program Sales Office, must be packed, marked, labeled, and shipped in accordance with national and international regulations governing their transportation. Opened, leaking or damaged hazardous SRM/RM units and/or their containers **CANNOT BE RETURNED TO NIST** but should be disposed of in accordance with applicable laws and regulations.

**Returns which will not be authorized or accepted UNDER ANY CIRCUMSTANCES include:**

- \* **Perishable SRM/RMs**
- \* **Unsealed, partially used, modified or mutilated SRMs/RMs**

## **SRM/RM CERTIFICATES AND MATERIAL SAFETY DATA SHEETS**

Each SRM/RM shipment contains sufficient copies of Certificates and MSDSs (if applicable) for the number of units ordered. However, if these documents are misplaced, NIST will provide additional copies free of charge upon request and when proof of purchase has been provided. Customers may call, fax, or use the following e-mail addresses to send in their requests:

**for Certificates - [SRMCERT@nist.gov](mailto:SRMCERT@nist.gov)  
for MSDSs - [SRMMSDS@nist.gov](mailto:SRMMSDS@nist.gov)**

Requests will usually be processed within twenty-four (24) hours. Documents under or equaling ten (10) pages will be faxed; documents exceeding ten (10) pages will be mailed. If the documentation is urgently needed, the customer must provide a Federal Express account number.

NIST also provides copies of misplaced 'Archive certificates' free of charge to customers who possess NIST SRMs/RMs that are no longer for sale. This service is available on a one-time-only basis.

### **Address all questions and correspondence to:**

Standard Reference Materials Program  
Customer Relations Department  
Building 202, Room 204  
National Institute of Standards and Technology  
Gaithersburg, MD 20899-0001

### **For sales and information call:**

(301) 975-6776  
FAX: (301) 948-3730  
E-MAIL: [SRMINFO@nist.gov](mailto:SRMINFO@nist.gov)  
WWW: <http://ts.nist.gov/srm>



SRM Number	SRM Description	Unit Issued	Price (Per Unit)	Technical Category	Certificate Date
1c	Limestone, Argillaceous	50 g	\$ 116.00	111	Mar 90
3e	White Iron	---	In Prep	101	---
4L	Cast Iron	150 g	196.00	101	Jun 90
5m	Cast Iron	150 g	211.00	101	Jan 97
6g	Cast Iron	150 g	183.00	101	Nov 70
7g	Cast Iron Hi-Phos.	150 g	184.00	101	Oct 59
11h	Carbon Steel, 0.2 C	150 g	183.00	101	Feb 92
12h	Carbon Steel, 0.4 C	150 g	183.00	101	Mar 66
13g	Carbon Steel, 0.6 C	150 g	183.00	101	Apr 74
14g	Carbon Steel, 0.8 C	150 g	177.00	101	Mar 90
15h	Carbon Steel, 0.1 C	150 g	182.00	101	Jun 93
16f	Carbon Steel, 1.0 C	150 g	171.00	101	Jul 93
19h	Carbon Steel, 0.2 C	150 g	173.00	101	Sep 87
20g	Carbon Steel	150 g	174.00	101	Oct 70
21e	Carbon Steel	---	In Prep	101	---
25d	Manganese Ore	100 g	134.00	111	Feb 84
27f	Iron Ore, Sibley	80 g	144.00	111	Dec 91
30f	LA Steel, Cr-V (SAE 6150)	150 g	174.00	101	Mar 92
32e	LA Steel, Ni-Cr (SAE 3140)	150 g	183.00	101	Apr 57
33e	LA Steel, Ni-Mo (SAE 4820)	150 g	184.00	101	Mar 95
36b	LA Steel, Cr-Mo	150 g	166.00	101	Jul 69
39j	Benzoic Acid (Combustion Cal.)	30 g	139.00	203	May 95
40h	Sodium Oxalate (Reductometric)	60 g	153.00	104	May 92
41c	Dextrose (D-Glucose) (Polarimetric)	70 g	153.00	104	May 93
45d	Cu Freezing Point	450 g	145.00	203	Apr 90
49e	Lead Freezing Point	600 g	145.00	203	Apr 90
50c	Tool Steel, W-Cr-V	150 g	162.00	101	Jun 57
53e	Bearing Metal (Pb-Sb-Sn)	150 g	164.00	102	Jan 70
54d	Bearing Metal (Tin Base)	170 g	170.00	102	Sep 57
57a	Silicon Metal	60 g	158.00	101	May 93
58a	Ferrosilicon (73% Si)	75 g	193.00	101	Apr 78
59a	Ferrosilicon	50 g	191.00	101	Nov 69
64c	Ferrochromium, High Carbon	100 g	158.00	101	Feb 92
68c	Ferromanganese, High Carbon	100 g	185.00	101	Aug 79
69b	Bauxite (Arkansas)	60 g	138.00	111	Jan 91
70a	Feldspar, Potash	40 g	118.00	111	Nov 90
72g	LA Steel (AISI 4130)	150 g	166.00	101	Jun 81
73c	Stainless Steel, Cr (SAE 420)	150 g	174.00	101	Feb 92
76a	Burnt Refractory (Al2O3-40%)	75 g	143.00	111	Mar 92
77a	Burnt Refractory (Al2O3-60%)	75 g	143.00	111	Mar 92
78a	Burnt Refractory (Al2O3-70%)	75 g	143.00	111	Mar 92
79a	Fluorspar, Customs Grade	120 g	131.00	111	Jan 80
81a	Glass Sand	75 g	174.00	111/112	Jan 78
82b	Cast Iron (Ni-Cr)	150 g	184.00	101	Apr 66
83d	Arsenic Trioxide (Reductometric)	60 g	148.00	104	Apr 95
84j	Potassium Hydrogen Phthalate	60 g	139.00	104	Jan 93
87a	Aluminum-Silicon Alloy	75 g	167.00	102	Jan 91
88b	Limestone, Dolomite	75 g	199.00	112	May 94
89	Glass, Lead Barium	45 g	182.00	112	Dec 90
90	Ferrophosphorus	75 g	154.00	101	Oct 28
92	Low-Boron, Soda-Lime Powder	45 g	164.00	112	Mar 82



SRM Number	SRM Description	Unit Issued	Price (Per Unit)	Technical Category	Certificate Date
93a	High-Boron Borosilicate	wafer	\$ 168.00	112	Sep 91
94c	Zinc-Base Die Casting Alloy	150 g	158.00	102	Dec 94
97b	Flint Clay	60 g	275.00	111	Apr 88
98b	Plastic Clay	60 g	275.00	111	Apr 88
99a	Feldspar, Soda	40 g	114.00	111	Nov 90
100b	LA Steel, Manganese (SAE (T340))	150 g	167.00	101	Aug 59
101g	Stainless Steel (AISI 304L)	100 g	183.00	101	Aug 86
105	LA Steel, High S	150 g	143.00	101	Aug 81
106b	LA Steel, Cr-Mo-Al (Nitalloy ®G)	150 g	166.00	101	Mar 61
107c	Cast Iron (Ni-Cr-Mo)	150 g	182.00	101	May 83
112b	Silicon Carbide	80 g	143.00	112	Nov 87
113b	Zinc Concentrate	100 g	259.00	111	Mar 95
114p	Portland Cement	set (20)	118.00	301	May 94
115a	Cast Iron (Cu-Ni-Cr)	150 g	166.00	101	Apr 62
120c	Phosphate Rock (Florida)	90 g	161.00	110/111	Feb 88
121d	Stainless Steel, Cr-Ni-Ti (AISI 321)	150 g	178.00	101	Aug 81
122i	Cast Iron	150 g	211.00	101	Sep 92
123c	Stainless Steel, Cr-Ni-Nb (AISI 348)	150 g	158.00	101	Oct 81
125b	LA Steel, High Silicon	150 g	191.00	101	Oct 95
126c	HA Steel, High Nickel	150 g	179.00	101	Dec 77
127b	Solder, 40Sn-60Pb	150 g	169.00	102	Aug 90
129c	LA Steel, High Sulfur (SAE 112)	150 g	177.00	101	Aug 73
<b>131f</b>	<b>LA Steel, High Silicon</b>	<b>150 g</b>	<b>196.00</b>	<b>101</b>	<b>May 97</b>
132b	Tool Steel (AISI M2)	150 g	183.00	101	Aug 95
133c	Stainless Steel, Cr-13, Mo-0.3, S-0.3	---	In Prep	101	---
134a	Tool Steel, Mo-W-Cr-V	150 g	163.00	101	May 57
136e	Potassium Dichromate (oxidimetric)	60 g	159.00	104	Jun 89
139b	LA Steel, Cr-Ni-Mo (AISI 8640)	150 g	169.00	101	Jun 93
141d	Acetanilide	---	In Prep	104	---
142	Anisic Acid	2 g	96.00	104	Jul 69
143d	Cystine	---	In Prep	104	---
148	Nicotine Acid	2 g	122.00	104	Dec 94
152a	Carbon Steel, 0.5 C	150 g	171.00	101	Oct 65
154b	Titanium Dioxide	90 g	144.00	111	Sep 91
155	LA Steel, Cr-W	150 g	162.00	101	Oct 46
158a	Bronze, Silicon	150 g	166.00	102	Aug 61
160b	Stainless Steel, Cr-Ni-Mo (AISI 316)	150 g	183.00	101	Jul 86
163	LA Steel, 1.0 C	100 g	187.00	101	Jan 68
165a	Glass Sand (Low Iron)	75 g	211.00	111/112	Nov 92
166c	Stainless Steel, Carbon Only	100 g	142.00	101	Mar 70
173b	Titanium Alloy Al-V	50 g	204.00	102	Dec 84
178	Carbon Steel, 0.4 C	150 g	167.00	101	Jul 69
179	LA Steel, High Silicon	150 g	176.00	101	May 94
180	Fluorspar, High Grade	120 g	133.00	111	Aug 86
181	Lithium Ore (Spodumene)	45 g	113.00	111	Oct 81
182	Lithium Ore (Petalite)	45 g	98.00	111	Oct 81
183	Lithium Ore (Lepidolite)	45 g	104.00	111	Oct 81
185g	Potassium Hydrogen Phthalate, pH	60 g	156.00	201	Feb 91
186If	Potassium Dihydrogen Phosphate	30 g	120.00	201	Dec 96
186If	Disodium Hydrogen Phosphate	30 g	120.00	201	Dec 96
187d	Sodium Tetraborate (Borax), pH	---	In Prep	201	---

SRM Number	SRM Description	Unit Issued	Price (Per Unit)	Technical Category	Certificate Date
188	Potassium Hydrogen Tartrate, pH	60 g	\$ 142.00	201	May 87
189a	Potassium Tetroxalate, pH	65 g	152.00	201	Feb 91
[191b	Sodium Bicarbonate, pH	---	In Prep	201	---
[192b	Sodium Carbonate, pH	---	In Prep	201	---
193	Potassium Nitrate	90 g	143.00	110	Nov 91
194	Ammonium Dihydrogen Phosphate	90 g	132.00	110	Sep 92
195	Ferrosilicon (75% Si-HP Grade)	75 g	162.00	101	Apr 78
196	Ferrosilicon, Low Carbon	100 g	201.00	101	Nov 70
198	Silica Brick	45 g	104.00	111	Jan 60
199	Silica Brick	45 g	104.00	111	Jan 91
200a	Potassium Dihydrogen Phosphate	---	In Prep	110	---
276b	Tungsten Carbide	75 g	136.00	112	Sep 94
277	Tungsten Concentrate	100 g	180.00	111	Oct 78
278	Obsidian Rock	35 g	217.00	111	Mar 92
291	LA Steel, Cr-Mo (ASTM A 213)	150 g	179.00	101	Oct 75
293	LA Steel, Cr-Ni-Mo (AISI 8620)	150 g	179.00	101	Mar 75
330	Copper Ore Mill Heads	100 g	145.00	111	Aug 91
331	Copper Ore Mill Tails	100 g	145.00	111	Sep 91
334	Gray Cast Iron (Carbon & Sulfur)	150 g	179.00	101	Mar 82
337a	Carbon Steel, 1.1 C (Carbon & Sulfur)	300 g	179.00	101	Apr 85
338	White Cast Iron (Carbon & Sulfur)	150 g	157.00	101	May 93
339	Stainless Steel, Cr-Ni-Se (SAE 303Se)	150 g	167.00	101	Jul 65
341	Ductile Cast Iron	150 g	183.00	101	Mar 62
342a	Nodular Cast Iron	150 g	174.00	101	Mar 92
343a	Stainless Steel (AISI 431)	150 g	193.00	101	Jun 94
344	HA Steel, (Mo Precipitation Hardening)	150 g	183.00	101	Oct 63
345a	HA Steel, (Cu Precipitation Hardening)	150 g	172.00	101	Jun 92
346a	Valve Steel	150 g	191.00	101	Feb 92
347	Magnesium Ferrosilicon	100 g	176.00	101	Aug 90
348a	Hi Temp. Alloy, (A286) Ni-Cr	150 g	257.00	101	Mar 87
349a	Waspalloy®	150 g	253.00	102	Jan 97
350a	Benzoic Acid	30 g	174.00	104	Mar 95
351	Sodium Carbonate	50 g	178.00	104	Sep 96
352c	Unalloyed Titanium, Hydrogen	20 g	185.00	102	Jun 90
360b	Zircaloy 4, Zr-Base Alloy	100 g	212.00	102	Apr 86
361	LA Steel (AISI 4340)	150 g	190.00	101	Feb 81
362	LA Steel (AISI 94B17) (mod.)	150 g	175.00	101	Jun 89
363	LA Steel, Cr-V (mod.)	150 g	183.00	101	Feb 81
364	LA Steel, High C (mod.)	150 g	175.00	101	May 93
367	Stainless Steel (AISI 446)	150 g	168.00	101	Mar 95
368	Carbon Steel (AISI 1211)	150 g	177.00	101	Jan 78
393	Unalloyed Copper-"O" (chips)	50 g	257.00	102	Sep 80
395	Unalloyed Copper II (chips)	50 g	257.00	102	Jul 93
396	Unalloyed Copper III (chips)	50 g	276.00	102	Apr 86
398	Unalloyed Copper V (chips)	50 g	252.00	102	Jul 93
399	Unalloyed Copper VI (chips)	50 g	262.00	102	Jul 93
400	Unalloyed Copper VII (chips)	50 g	276.00	102	Apr 86
454	Unalloyed Copper XI (chips)	35 g	276.00	102	Apr 86
457	Unalloyed Copper IV (solid)	rod	257.00	102	Apr 86
458	Beryllium-Copper (17510)	50 g	215.00	102	Sep 92

SRM Number	SRM Description	Unit Issued	Price (Per Unit)	Technical Category	Certificate Date
459	Beryllium-Copper (17200)	50 g	\$ 215.00	102	Sep 92
460	Beryllium-Copper (17300)	50 g	215.00	102	Sep 92
473a	Optical Linewidth	---	In Prep	207	---
475	Optical Linewidth	each	5696.00	207	Jan 92
476	Optical Linewidth	each	4114.00	207	Sep 90
480	Tungsten-Molybdenum EPMA	1 mm disk	329.00	103	Nov 68
481	Gold-Silver EPMA	set (6)	409.00	103	Feb 69
482	Gold-Copper EPMA	set (6)	409.00	103	Aug 88
484g	SEM Magnification	each	1753.00	207	Sep 96
494	Unalloyed Copper I (solid)	rod	188.00	102	Apr 86
495	Unalloyed Copper II (solid)	rod	295.00	102	Oct 87
496	Unalloyed Copper III (solid)	rod	180.00	102	Apr 86
498	Unalloyed Copper V (solid)	rod	180.00	102	May 93
499	Unalloyed Copper VI (solid)	rod	188.00	102	Mar 86
500	Unalloyed Copper VII (solid)	rod	193.00	102	Mar 86
600	Bauxite, Australian	90 g	136.00	111	Jan 91
607	Potassium Feldspar	5 g	106.00	111	May 73
610	Trace Elements in Glass	6 wafers	165.00	112	Jan 92
611	Trace Elements in Glass	6 wafers	174.00	112	Jan 92
612	Trace Elements in Glass	6 wafers	164.00	112	Jan 92
613	Trace Elements in Glass	6 wafers	185.00	112	Jan 92
614	Trace Elements in Glass	6 wafers	180.00	112	Jan 92
615	Trace Elements in Glass	6 wafers	178.00	112	Jan 92
616	Trace Elements in Glass	6 wafers	174.00	112	Jan 92
617	Trace Elements in Glass	6 wafers	189.00	112	Jan 92
S620	Soda Lime, Flat	set (3)	192.00	112	Jan 82
621	Soda-Lime Container	set (3)	247.00	112	Jan 82
622	Soda-Lime Silica (Durability)	2.2 kg	173.00	208	Mar 76
623	Borosilicate (Durability)	2.2 kg	167.00	208	Mar 76
624	Lead-Silica, for dc resistivity	200 g	396.00	207	Oct 77
625	Zinc-Base A	block	196.00	102	Jun 96
626	Zinc-Base B	block	202.00	102	Jun 96
627	Zinc-Base C	block	196.00	102	Jun 96
628	Zinc-Base D	block	208.00	102	Jun 96
629	Zinc-Base E	block	203.00	102	Jun 96
630	Zinc-Base F	block	208.00	102	Jun 96
631	Zinc Spelter (mod.)	block	208.00	102	Feb 95
640c	Line Position, Silicon (XRD)	---	In Prep	209	---
641	Titanium Alloy, 8 Mn (A)	disk	217.00	102	Oct 81
642	Titanium Alloy, 8 Mn (B)	disk	196.00	102	Oct 81
643	Titanium Alloy, 8 Mn (C)	disk	217.00	102	Oct 81
647	Titanium Alloy, Al-Mo-Sn-Zr	50 g	202.00	102	Aug 86
648	Titanium Alloy, Al-Sn-Zr-Cr-Mo	50 g	184.00	102	Jun 87
649	Titanium Alloy, V-Al-Cr-Sn	50 g	177.00	102	Jul 90
650	Unalloyed Titanium A	30 g	164.00	102	Nov 85
651	Unalloyed Titanium B	30 g	164.00	102	Nov 85
652	Unalloyed Titanium C	30 g	164.00	102	Nov 85
654b	Titanium Alloy, Al-V	disk	315.00	102	Sep 91
656	Quartz Analysis, SiN (XRD)	2 x 10 g	370.00	209	Mar 95
659	Silicon Nitride, Particle Size	set (5)	228.00	301	Mar 92
660	Line Profile, LaB6 (XRD)	3 g	339.00	209	Jun 89

SRM Number	SRM Description	Unit Issued	Price (Per Unit)	Technical Category	Certificate Date
661	LA Steel (AISI 4340)	5 rods	\$ 216.00	101	Dec 91
663	LA Steel, Cr-V (mod.)	5 rods	216.00	101	Dec 91
664	LA Steel, High Carbon, (mod.)	5 rods	216.00	101	Dec 91
665	Electrolytic Iron	5 rods	216.00	101	Dec 91
670	Rutile Ore	90 g	141.00	111	Jan 93
671	Nickel Oxide 1	25 g	167.00	102	Sep 60
672	Nickel Oxide 2	25 g	167.00	102	Sep 60
673	Nickel Oxide 3	25 g	155.00	102	Sep 60
674a	Quant. Analysis, Set (XRD)	10 g	380.00	209	Jan 89
675	Line Position, Mica (XRD)	5 g	198.00	209	Jun 82
676	Quantitative Analysis, Alumina (XRD)	20 g	200.00	209	May 92
679	Brick Clay	75 g	282.00	111	Jan 87
680L1a	High Purity Platinum	10 cm	115.00	104	Jul 95
680L2a	High Purity Platinum	1 m	548.00	104	Jul 95
682	High Purity Zinc	130 g	291.00	104	Jan 88
683	Zinc, Metal	130 g	187.00	104	Jan 88
685R	High Purity Gold	rod	627.00	104	Oct 81
685W	High Purity Gold	wire	205.00	104	Oct 81
688	Basalt Rock	60 g	251.00	111	Aug 81
689	Ferrochromium Silicon	100 g	160.00	101	Feb 82
690	Iron Ore Canada	100 g	143.00	111	Jun 92
691	Iron Oxide, Reduced	100 g	223.00	111	Oct 91
692	Iron Ore, Labrador	100 g	141.00	111	Jan 92
693	Iron Ore, Nimba	100 g	147.00	111	Jul 90
694	Phosphate Rock, Western	90 g	135.00	110/111	Sep 93
696	Bauxite, Surinam	60 g	157.00	111	Jan 91
697	Bauxite, Dominican	60 g	162.00	111	Jan 91
698	Bauxite, Jamaican	60 g	162.00	111	Jan 91
699	Alumina (Reduction Grade)	60 g	126.00	111	Dec 93
705a	Polystyrene	5 g	237.00	202/203	Jul 90
706	Polystyrene	18 g	208.00	202	Apr 95
709	Extra Dense Lead	500 g	272.00	208	Jun 74
710a	Soda-Lime Silica Glass	each	283.00	208	Mar 91
711a	Glass Viscosity	---	In Prep	208	---
712	Lead-Silica Glass	---	In Prep	208	---
713	Barium Glass Anneal Pt	225 g	136.00	208	Oct 65
714	Alumina Glass Anneal Pt	225 g	126.00	208	Oct 65
716	Neutral Glass Anneal Pt	225 g	136.00	208	Oct 65
717a	Hi Boron Glass Viscosity	250 g	391.00	208	Sep 96
720	Sapphire Heat Capacity	15 g	170.00	208	Aug 86
723b	Tris Basimetric	---	In Prep	203	---
726	Selenium, Inter-Purity	450 g	148.00	104	Apr 93
728	Zinc, Intermediate Purity	450 g	157.00	104	Jul 96
731L1	Borosilicate Glass (Therm. Expansion)	5 cm	159.00	203	Jun 93
731L2	Borosilicate Glass (Therm. Expansion)	10 cm	232.00	203	Jun 93
731L3	Borosilicate Glass (Therm. Expansion)	15 cm	304.00	203	Jun 93
736L1	Copper (Therm. Expansion)	5 cm	146.00	203	Oct 90
738	Stainless Steel (Therm. Expansion)	51x6.4 mm	185.00	203	May 93
739L1	Fused Silica (Therm. Expansion)	5 cm	166.00	203	Dec 91
739L2	Fused Silica (Therm. Expansion)	10 cm	296.00	203	Dec 91
740a	Zinc (Freezing Point)	200 g	333.00	203	Nov 90



SRM Number	SRM Description	Unit Issued	Price (Per Unit)	Technical Category	Certificate Date
741	Tin (Freezing Point)	350 g	\$ 313.00	203	Jun 90
742	Alumina (Reference Point)	10 g	184.00	203	Jul 90
743	Mercury (Triple Point)	680 g	222.00	203	Jul 90
745	Gold-Vapor Pressure	152x1.4 mm	276.00	203	Aug 90
746	Cadmium-Vapor Pressure	rod	202.00	203	Jan 91
763-1	Al Mag Susceptibility	3 x 3 mm	206.00	209	Apr 73
763-2	Al Mag Susceptibility	wire	206.00	209	Apr 73
769	Aluminum (Residual Resist. Ratio)	set 5 rods	923.00	206	Nov 82
773	Soda-Lime-Silica (Glass Liquidus)	7 pieces	444.00	208	Nov 80
774	Lead-Silica (Dielectric Constant)	block	321.00	208	Jul 82
781D2	Molybdenum (Heat Capacity)	10 cm	271.00	203	Apr 77
853a	Aluminum Alloy 3004	---	In Prep	102	---
854a	Aluminum Alloy 5182	---	In Prep	102	---
855a	Aluminum Casting Alloy 356	30 g	197.00	102	Jan 90
856a	Aluminum Casting Alloy 380	30 g	210.00	102	Jan 90
858	Aluminum Alloy 6011	35 g	225.00	102	Mar 95
859	Aluminum Alloy 7075	35 g	204.00	102	Jun 80
862	High Temp. Alloy L605	100 g	277.00	101	Oct 91
864	Inconel,®600	100 g	311.00	102	May 84
865	Inconel,®625	100 g	338.00	102	May 84
866	Incoloy,®800	100 g	274.00	102	May 84
867	Incoloy,®825	100 g	274.00	102	May 84
868	High Temp. Alloy Fe-Ni-Co	100 g	279.00	101	Apr 93
869	LC Column Selectivity	set (5)	126.00	109	Mar 90
871	Bronze, Phosphor (CDA 521)	100 g	176.00	102	Aug 79
872	Bronze, Phosphor (CDA 544)	100 g	176.00	102	Aug 79
874	Cupro-Nickel, 10% (CDA 706) "H-P"	100 g	156.00	102	Jan 78
875	Cupro-Nickel, 10% (CDA 706) "Doped"	100 g	154.00	102	Jan 78
879	Nickel Silver, (CDA 762)	100 g	164.00	102	Jun 79
880	Nickel Silver, (CDA 770)	100 g	164.00	102	Jun 79
882	Alloy Ni-Cu-Al	100 g	179.00	102	Aug 79
885	Refined Copper	200 g	228.00	104	Mar 91
886	Gold, Ore Refractory	200 g	210.00	111	Mar 95
887	Cemented Carbide (W83-Co10)	100 g	167.00	112	Sep 88
888	Cemented Carbide (W64-Co25-Ta5)	100 g	167.00	112	Sep 88
889	Cemented Carbide (W75-Co9-Ta5-Ti4)	100 g	186.00	112	Sep 88
890	Cast Iron, HC250+V	150 g	225.00	101	Apr 82
891	Cast Iron, Ni-Hard, Type I	150 g	236.00	101	Apr 82
892	Cast Iron, Ni-Hard, Type IV	150 g	205.00	101	Apr 82
893	Stainless Steel (SAE 405)	150 g	193.00	101	Mar 92
895	Stainless Steel (SAE 201)	150 g	193.00	101	Dec 91
897	"Tracealloy" A	35 g	356.00	102	Aug 83
898	"Tracealloy" B	35 g	364.00	102	Aug 83
899	"Tracealloy" C	35 g	364.00	102	Aug 83
900	Antiepilepsy Drug (4) Level	set (4)	275.00	* 105	Apr 79
909b	Human Serum	set (6x6)	361.00	* 105	Oct 97
910	Sodium Pyruvate	25 g	244.00	105	May 81
911b	Cholesterol	2 g	216.00	* 105	Apr 94
912a	Urea	25 g	143.00	105	Dec 90
913	Uric Acid	10 g	111.00	105	Sep 68
914a	Creatinine	10 g	209.00	105	Feb 94



SRM Number	SRM Description	Unit Issued	Price (Per Unit)	Technical Category	Certificate Date
915a	Calcium Carbonate (Clinical)	20 g	\$ 116.00	105	Jan 95
916a	Bilirubin	100 mg	257.00 *	105	Jun 89
917a	D-Glucose (Dextrose-Clinical)	25 g	134.00	105	Aug 89
918a	Potassium Chloride (Clinical)	30 g	149.00	105	Apr 95
919a	Sodium Chloride (Clinical)	30 g	125.00	105	Feb 91
920	D-Mannitol	50 g	176.00	105	Jan 72
921	Cortisol (Hydrocortisone)	1 g	171.00	105	Feb 93
924a	Lithium Carbonate (Clinical)	30 g	205.00	105	Jun 95
925	VMA (Clinical)	1 g	127.00 *	105	May 73
928	Lead Nitrate (Clinical)	30 g	114.00	105	Apr 94
929	Magnesium Gluconate	5 g	144.00	105	Mar 93
930e	Glass Filters, Transmittance	set (3)	2342.00	204	Jun 96
931e	Liquid Filters, Absorbance	set (12)	267.00	204	Apr 97
934	Clinical Thermometer	each	756.00	203	Oct 92
935a	Potassium Dichromate, UV Absorbance	15 g	188.00	204	Apr 88
936a	Quinine Sulfate, Fluorescence	1 g	195.00	204	Dec 94
937	Iron Metal (Clinical)	50 g	108.00	105	Sep 95
938	4-Nitrophenol	15 g	149.00	105	Aug 95
951	Boric Acid, Assay and Isotopic	100 g	180.00	104	Feb 69
952	Boric Acid 95% enr. <sup>10</sup> B	0.25 g	111.00	104	Feb 69
953	Neutron Density Monitor Wire	1 m	120.00	205	Mar 69
955b	Lead in Blood	---	In Prep *	105	---
956a	Electrolytes in Frozen Human Serum	set (6)	388.00 *	105	Nov 96
963a	Fission Track Glass U-1 mg/g	set (6)	141.00	205	Feb 84
965	Glucose in Frozen Human Serum	set (6)	255.00 *	105	Dec 96
968b	Fat-Sol. Vitamins and Cholesterol/Human	set (3)	214.00 *	105	Aug 95
975a	Chlorine (Isotopic)	---	In Prep	104	---
976	Copper (Isotopic)	0.4 g	144.00	104	Jan 94
977	Bromine (Isotopic)	0.25 g	130.00	104	Mar 65
978a	Silver (Isotopic)	0.25g	131.00	104	Sep 84
979	Chromium (Isotopic)	0.25 g	130.00	104	May 66
980	Magnesium (Isotopic)	0.25 g	140.00	104	Jan 67
981	Natural Lead (Isotopic)	1 g	134.00	104	Mar 91
982	Equal Atom Lead (Isotopic)	1 g wire	134.00	104	Mar 91
983	Radiogenic Lead (Isotopic)	1 g wire	134.00	104	Mar 91
984	Rubidium Assay (Isotopic)	0.25 g	149.00	104	Jul 70
985	Potassium Assay (Isotopic)	1 g	146.00	104	Aug 79
986	Nickel (Isotopic)	1 g	171.00	104	May 90
987	Strontium Assay and Isotopic	1 g	171.00	104	Oct 82
989	Rhenium Assay and Isotopic	pkg. (50)	217.00	104	Feb 74
990	Silicon Assay and Isotopic	wafer	234.00	104	Aug 75
991	Lead-206 Spike Assay and Isotopic	15 g	310.00	104	Mar 76
994	Gallium (Isotopic)	0.25 g	182.00 *	104	Feb 86
997	Thallium (Isotopic)	0.25 g	179.00	104	Jul 86
998	Angiotensin I (Human)	0.5 mg	321.00 *	105	Jan 83
999a	Potassium Chloride (Assay)	60 g	149.00	104	Apr 95
<b>1001</b>	<b>X-Ray Film Step Tablet (0-4)</b>	<b>each</b>	<b>351.00</b>	<b>204</b>	<b>Oct 97</b>
1002d	Hard Board (Surface Flammability)	set (4)	284.00	305	Aug 89
1003b	Glass (Particle Size)	25 g	165.00	301	Sep 93
1004a	Glass (Particle Size)	70 g	161.00	301	Dec 93
1007b	Plastic, (Smoke Density)	set (3)	262.00	305	Apr 91

SRM Number	SRM Description	Unit Issued	Price (Per Unit)	Technical Category	Certificate Date
1008	Photo Step Tablet (0-4)	---	In Prep	204	---
1010a	Microcopy Test Chart	set (5)	\$ 55.00	204	Jun 90
1012	Flooring Radiant Panel	set (3)	228.00	305	Sep 84
1017b	Glass (Particle Size)	70 g	265.00	301	Aug 95
1018b	<i>Glass (Particle Size)</i>	<i>87 g</i>	<i>265.00</i>	<i>301</i>	<i>Apr 97</i>
1019b	<i>Glass (Particle Size)</i>	<i>200g</i>	<i>264.00</i>	<i>301</i>	<i>Sep 97</i>
1034	Unalloyed Copper	rod	186.00	102	Feb 82
1035	Leaded-Tin Bronze Alloy	50 g	184.00	102	Feb 82
1048	Smoke Toxicity (Cup Furnace)	8 sheets	332.00	305	Nov 91
1049	Smoke Toxicity (Univ. Pitts.)	150 g	206.00	305	Nov 92
1051b	Barium (Metallo-Organic)	5 g	104.00	114	Jun 91
1052b	Vanadium (Metallo-Organic)	5 g	113.00	114	Apr 93
1053a	Cadmium (Metallo-Organic)	5 g	115.00	114	Jan 70
1057b	Tin (Metallo-Organic)	5 g	115.00	114	Aug 68
1059c	Lead (Metallo-Organic)	5 g	128.00	114	Sep 87
1060a	Lithium (Metallo-Organic)	5 g	104.00	114	Apr 64
1065b	Nickel (Metallo-Organic)	5 g	115.00	114	Nov 93
1066a	Silicon (Metallo-Organic)	5 g	115.00	114	Jun 91
1069b	Sodium (Metallo-Organic)	5 g	115.00	114	Jun 91
1070a	Strontium (Metallo-Organic)	5 g	115.00	114	Apr 64
1071b	Phosphorus (Metallo-Organic)	5 g	122.00	114	Sep 91
1073b	Zinc (Metallo-Organic)	5 g	126.00	114	Sep 86
1075a	Aluminum (Metallo-Organic)	5 g	104.00	114	Oct 67
1077a	Silver (Metallo-Organic)	5 g	115.00	114	Feb 68
1078b	Chromium (Metallo-Organic)	5 g	103.00	114	Jul 72
1079b	Iron (Metallo-Organic)	5 g	104.00	114	Feb 69
1080a	Copper (Metallo-Organic)	5 g	115.00	114	Feb 69
1083	Wear Metals (Base Oil)	150 mL	207.00	114	Jul 91
1084a	Wear Metals	set (5)	229.00	114	Apr 91
1085a	Wear Metals	set (5)	262.00	114	Apr 91
1089	Steels, Set (SRMs 1095-99)	5 rods	200.00	101	Apr 86
1090	Ingot Iron, Oxygen	rod	218.00	101	Nov 85
1091a	Stainless Steel (AISI 431)	rod	220.00	101	Nov 85
1093	Valve Steel, Oxygen	rod	185.00	101	Nov 84
1094	Maraging Steel	rod	221.00	101	Nov 84
1095	Steel (AISI 4340)	See SRM 1089		101	Apr 86
1096	Steel (AISI 94B17)	See SRM 1089		101	Apr 86
1097	Cr-V Steel (mod.)	See SRM 1089		101	Apr 86
1098	Steel (High Carbon)	See SRM 1089		101	Apr 86
1099	Electrolytic Iron	See SRM 1089		101	Apr 86
1104	Free-Cutting Brass	disk	234.00	102	Aug 65
1107	Naval Brass B	disk	234.00	102	Nov 81
1108	Naval Brass C	disk	244.00	102	Nov 81
1110	Red Brass B	disk	261.00	102	Oct 81
1111	Red Brass C	disk	261.00	102	Oct 81
1112	Gilding Metal A (disk)	disk	244.00	102	Oct 81
C1112	Gilding Metal A (block)	disk	261.00	102	Oct 81
1113	Gilding Metal B (disk)	disk	245.00	102	Oct 81
C1113	Gilding Metal B (block)	disk	261.00	102	Oct 81
1114	Gilding Metal C (disk)	disk	239.00	102	Oct 81

SRM Number	SRM Description	Unit Issued	Price (Per Unit)	Technical Category	Certificate Date
C1114	Gilding Metal C (block)	disk	\$ 200.00	102	Oct 81
1115	Commercial Bronze A (disk)	disk	200.00	102	Nov 81
C1115	Commercial Bronze A (block)	disk	200.00	102	Nov 81
1116	Commercial Bronze B (disk)	disk	244.00	102	Nov 81
C1116	Commercial Bronze B (block)	disk	261.00	102	Nov 81
1117	Commercial Bronze C (disk)	disk	248.00	102	Nov 81
C1117	Commercial Bronze C (block)	disk	200.00	102	Nov 81
C1122	Beryllium-Copper (block)	disk	239.00	102	Dec 81
C1123	Beryllium-Copper (block)	disk	261.00	102	Dec 81
1128	Ti Alloy, V-Al-Cr-Sn	disk	281.00	102	Jul 91
1129	Solder 63Sn-37Pb	200 g	313.00	102	May 89
1131	Solder 60Pb-40Sn	disk	213.00	102	Oct 81
1132	Bearing Metal (Pb-Sn)	disk	167.00	102	Nov 94
1134	LA Steel, High Silicon	disk	217.00	101	Apr 70
1135	LA Steel, High Silicon	disk	196.00	101	Jul 72
C1137a	White Cast Iron	disk	226.00	101	Sep 96
1138a	Cast Steel (No. 1)	disk	209.00	101	Jan 77
1139a	Cast Steel (No. 2)	disk	209.00	101	Jan 77
C1145a	White Cast Iron	disk	212.00	101	Jan 88
C1150b	White Cast Iron	---	In Prep	101	---
C1151a	Stainless Steel 23Cr-7Ni	disk	235.00	101	Dec 92
C1152a	Stainless Steel 18Cr-11Ni	disk	226.00	101	Feb 90
C1153a	Stainless Steel 17Cr-9Ni	disk	223.00	101	Sep 90
C1154a	Stainless Steel 19Cr-13Ni	disk	235.00	101	Jun 92
1155	Stainless Steel Cr-Ni-Mo (AISI 316)	disk	234.00	101	Aug 69
1157	Specialty Steel, Tool (AISI M2)	disk	200.00	101	Aug 73
1158	Specialty Steel, High Nickel (Ni36)	disk	169.00	101	Dec 77
1159	Elec/Mag Ni-Fe	disk	258.00	102	Aug 81
1160	Elec/Mag Ni-Mo-Fe	disk	251.00	102	Aug 81
1171	Stainless Steel Cr-Ni-Ti (AISI 321)	disk	236.00	101	May 93
1172	Stainless Steel Cr-Ni-Nb (AISI 348)	disk	257.00	101	Jul 71
1173	Ni-Cr-Mo-V Steel	disk	217.00	101	Jun 89
C1173	Cast Steel 3	disk	202.00	101	Jan 89
1216	Carbon Modified Silicon	set (3)	301.00	106	Nov 87
1218	LA Steel, High Silicon	disk	291.00	101	Nov 84
1219	Stainless Steel Cr-Ni (AISI 431)	disk	206.00	101	Sep 85
C1221	LA Carbon (AISI 1211)	disk	214.00	101	Apr 93
1222	LA Steel, Cr-Ni-Mo (AISI 8640)	disk	235.00	101	Sep 90
1223	Chromium Steel	disk	202.00	101	May 93
1224	LA Steel, Carbon (AISI 1078)	disk	242.00	101	Feb 81
1225	LA Steel (AISI 4130)	disk	283.00	101	Mar 83
1226	LA Steel	disk	239.00	101	Sep 96
1227	LA Steel, Basic Open Hearth, 1% C	disk	226.00	101	Mar 83
1228	LA Steel, 0.1% C	disk	224.00	101	Jun 93
1230	High Temp. Alloy, A286	disk	259.00	101	Jun 87
1233	Specialty Steel, Valve Steel	disk	282.00	101	Mar 92
1240c	Aluminum Alloy 3004	---	In Prep	102	---
1241c	Aluminum Alloy 5182	---	In Prep	102	---
1242	High Temp. Alloy L-605	disk	319.00	102	Nov 91
1243	Waspaloy®	disk	289.00	102	Jan 89
1244	Inconel®600	disk	344.00	101	May 84

SRM Number	SRM Description	Unit Issued	Price (Per Unit)	Technical Category	Certificate Date
1245a	Inconel®625	disk	\$ 330.00	101	May 84
1246	Incoloy®800	disk	338.00	101	May 84
1247	Incoloy®825	disk	338.00	101	May 84
C1248	Nickel-Copper Alloy	disk	275.00	102	Dec 86
1249	Inconel®718	disk	2625.00	101	Mar 96
1250	High Temp. Alloy Fe-Ni-Co	disk	297.00	101	Jul 93
C1251a	Phos. Copper Cu XIII	---	In Prep	102	---
C1252	Phos. Copper IX	disk	276.00	102	Apr 86
C1253a	Phos. Copper X	---	In Prep	102	---
1254	LA Steel (Ca only)	disk	165.00	101	Apr 82
1255b	Aluminum Alloy 356	---	In Prep	102	---
1256b	Aluminum Alloy 380	---	In Prep	102	---
1258	Aluminum Alloy 6011	disk	230.00	102	May 78
1259	Aluminum Alloy 7075	disk	244.00	102	May 78
1261a	LA Steel (AISI 4340)	disk	252.00	101	May 93
1262b	LA Steel (AISI 94B17)	disk	259.00	101	Oct 92
1263a	LA Steel Cr-V (mod.)	disk	264.00	101	Feb 81
1264a	LA Steel, High Carbon (mod.)	disk	264.00	101	Jan 88
1265a	Electrolytic Iron	disk	264.00	101	Jun 89
1269	Line Pipe (AISI 1521 mod.)	disk	240.00	101	Jun 81
1270	LA Steel, Cr-Mo (A336) (F-22)	disk	221.00	101	Jun 81
1271	LA Steel (HSLA-100)	disk	270.00	101	Oct 91
1275a	Cupro-Nickel (CDA 706)	---	In Prep	102	---
1276a	Cupro-Nickel (CDA 715)	disk	233.00	102	Jun 89
C1285	LA Steel (A242) (mod.)	disk	221.00	101	Jun 82
1286	LA Steel HY 80	disk	193.00	101	Mar 92
C1287	Stainless Steel (AISI 310 mod.)	disk	215.00	101	Jun 81
C1288	Stainless Steel (A-743)	disk	226.00	101	Aug 81
C1289	Stainless Steel (AISI 414 mod.)	disk	217.00	101	Jun 81
C1290	High Alloy (HC-250 + V)	disk	254.00	101	Jan 85
C1291	High Alloy (Ni-Hard, Type I)	disk	262.00	101	Jan 85
C1292	High Alloy (Ni-Hard, Type IV)	disk	262.00	101	Jan 85
1295	Stainless Steel (SAE 405)	disk	252.00	101	Mar 92
C1296	Stainless Steel 28Cr-3Mo (SAE 460)	disk	287.00	101	Dec 91
1297	Stainless Steel Cr-Ni-Mn (SAE 201)	disk	270.00	101	Dec 91
1357	Cu & Cr Coating on Steel	set (3)	400.00	207	Jul 91
1358a	Cu & Cr Coating on Steel	---	In Prep	207	---
1359	Cu & Cr Coating on Steel	set (4)	455.00	207	Jul 91
1361a	Cu & Cr Coating on Steel	---	In Prep	207	---
1362a	Cu & Cr Coating on Steel	---	In Prep	207	---
1363a	Cu & Cr Coating on Steel	set (4)	455.00	207	Jul 91
1364a	Cu & Cr Coating on Steel	set (4)	455.00	207	Jul 91
1376	Gold on Nickel	each	429.00	207	Oct 90
1400	Bone Ash	50 g	258.00	105	Dec 92
1411	Soft Borosilicate Glass	set (10)	315.00	112	Aug 85
1412	Multicomponent Glass	set (8)	278.00	112	Aug 85
1413	Glass Sand (High Alumina)	75 g	295.00	111/112	Aug 85
1416	Glass Al-Silicate (Glass Liquidus)	250 g	289.00	203	May 94
1449	Fumed Silica Board	each	780.00	203	Jan 89
1450c	<i>Fibrous Glass Board</i>	<i>each</i>	<i>502.00</i>	<i>203</i>	<i>Mar 97</i>
1453	<i>Thermal Resistance Expanded Polystyrene</i>	<i>each</i>	<i>267.00</i>	<i>203</i>	<i>Mar 97</i>



SRM Number	SRM Description	Unit Issued	Price (Per Unit)	Technical Category	Certificate Date
1457	Superconducting Nb-Ti Wire	each	\$ 340.00	206	Jun 84
1459	Fumed Silica Board	each	450.00	203	Jan 89
1461	Stainless Steel (Therm./Elec. Resist.)	5 cm	262.00	203/206	May 84
1462	Stainless Steel (Therm./Elect. Resist.)	5 cm	336.00	203/206	May 84
1473a	Polyethylene Resin	50 g	232.00	202	Aug 95
1474	Polyethylene Resin	60 g	280.00	202	Apr 90
1475a	Polyethylene, Linear	50 g	245.00	202	Jun 96
1478	Polystyrene, Narrow Mol. Wt.	2 g	323.00	202	Jul 92
1479	Polystyrene, Narrow Mol. Wt.	2 g	304.00	202	Mar 92
1480	Polyurethane	1 g	271.00	202	Aug 92
1482a	Polyethylene, 15 K Mol. Wt.	---	In Prep	202	---
1483	Polyethylene, Linear	1 g	306.00	202	Mar 76
1484a	Polyethylene, Linear	0.3 g	197.00	202	Oct 92
1486	Bone Meal	50 g	258.00	105	Dec 92
1487	Poly (methylmethacrylate)	2 g	336.00	202	Jun 89
1488	Poly (methylmethacrylate)	2 g	334.00	202	Feb 88
1489	Poly (methylmethacrylate)	2 g	317.00	202	Mar 86
1491	Arom. Hydro/Hexane Toluene	5 ampoule	173.00	109	Aug 89
1492	Chlor. Pesticides/Hexane	5 ampoule	209.00	109	Apr 92
1493	PCB Congeners	5 ampoule	231.00	109	Feb 95
1496	Polyethylene Gas Pipe Resin	0.9 kg	239.00	202	Sep 88
1497	Polyethylene Gas Pipe Resin	9 kg	235.00	202	Jul 87
1507b	THC-COOH in Urine	set (4)	299.00	* 105	Nov 94
1508a	Cocaine & Metab. in Urine	---	In Prep	* 105	---
1511	Multi Drugs of Abuse in Urine	3 btls.	198.00	* 105	Sep 94
1514	Thermal Analysis Purity Set (DSC)	set (4)	171.00	203	Jul 84
1515	Apple Leaves	50 g	228.00	110	Jan 93
1543	GC/MS System Performance	set (4)	122.00	109	Aug 84
1544	Fatty Acids/Cholesterol in Diet Composite	4x15 g	183.00	* 110	Feb 96
1547	Peach Leaves	50 g	228.00	110	Jan 92
1548a	Typical Diet	---	In Prep	* 110	---
1549	Non-Fat Milk Powder	100 g	251.00	110	Jul 85
1563	Coconut Oil	set (10)	302.00	110	Nov 96
1566b	Oyster Tissue	---	In Prep	110	---
1567a	Wheat Flour	80 g	294.00	110	Sep 88
1568a	Rice Flour	80 g	294.00	110	Aug 95
1570a	Trace Elements in Spinach Leaves	60 g	283.00	110	Jul 96
1573a	Tomato Leaves	50 g	255.00	110	Nov 95
1575	Pine Needles	70 g	177.00	110	Feb 93
1577b	Bovine Liver	50 g	194.00	110	Aug 91
1580	Shale Oil	set (5)	306.00	109	Nov 80
1581	PCBs in Oil	kit	256.00	109	Jun 90
1582	Petroleum Crude Oil	5 x 2 mL	342.00	109	Jan 84
1584	Phenols in Methanol	5 ampoule	199.00	109	Apr 84
1585	Chlorinated Biphenyls	set (5)	283.00	109	Jan 86
1586	Isotope Label Pollutants	set (6)	228.00	109	Oct 84
1587	Nitro PAH in Methanol	4 ampoule	256.00	* 109	Jun 85
1588	Organics in Cod Liver Oil	set (5)	276.00	109	Jan 89
1589a	PCBs (Aroclor 1260) in Human Serum	---	In Prep	* 109	---
1595	Tripalmitin	2 g	309.00	* 105	Jul 83
1596	Nitropyrenes in Methylene Chloride	set (5)	354.00	* 109	Jul 87



SRM Number	SRM Description	Unit Issued	Price (Per Unit)	Technical Category	Certificate Date
1597	Complex PAH Mix	set	\$ 239.00	109	May 92
1598	Inorg. Const. in Bovine Serum	set (2)	333.00 *	105	Jan 90
1599	2 Anticonvulsant Drugs	set (4)	196.00 *	105	Aug 82
1614	Dioxin in Isooctane	6 ampoule	304.00	109	Jul 85
1616a	Sulfur in Kerosene	100 mL	175.00	108	Sep 95
1617a	Sulfur in Kerosene	100 mL	169.00	108	Jul 95
1618	Vanadium & Nickel in Fuel Oil	100 mL	189.00	108	May 85
1619a	Sulfur in Residual Fuel Oil 0.7%	100 mL	171.00	108	Apr 91
1620b	Sulfur in Residual Fuel Oil 4%	100 mL	177.00	108	Jul 90
1621e	Sulfur in Residual Fuel Oil 1 %	100 mL	153.00	108	Jul 96
<b>1622e</b>	<b>Sulfur in Residual Fuel Oil 2 %</b>	<b>100 mL</b>	<b>148.00</b>	<b>108</b>	<b>Apr 97</b>
1623c	Sulfur in Residual Fuel Oil 0.3%	100 mL	168.00	108	Jul 96
<b>1624c</b>	<b>Sulfur in Distillate Fuel Oil 0.4 %</b>	<b>100 mL</b>	<b>159.00</b>	<b>108</b>	<b>Jun 97</b>
1625	SO2 Permeation Tube-10 cm	each	556.00 *	107	May 95
1626	SO2 Permeation Tube-5 cm	each	556.00 *	107	May 95
1632b	Trace Elements in Coal (Bituminous)	50 g	204.00	108	Jun 97
1633b	Trace Elements in Coal Fly Ash	75 g	277.00	108	Jun 93
1634c	Trace Elements in Fuel Oil	100 mL	246.00	108	Aug 95
1635	Trace Elements in Coal (Subbituminous)	75 g	159.00	108	Oct 95
1639	Halocarbons (in Methanol)	set (5)	233.00	109	Apr 83
<b>1640</b>	<b>Natural Water</b>	<b>250 mL</b>	<b>171.00</b>	<b>106</b>	<b>Oct 97</b>
1641c	Mercury in Water	set (6)	214.00	106/108	Jun 93
1643d	Trace Elements in Water	250 mL	178.00	106	Jul 95
1646a	Estuarine Sediment	70 g	295.00	106	Jan 95
1647d	Priority Pollutant PAHs	set (5)	171.00	109	Oct 96
1648	Urban Particulate Matter	2 g	204.00	106	Aug 91
1649a	Urban Dust/Organics	---	In Prep	109	---
1650	Diesel Particulate Matter	0.5 g	472.00	109	Dec 91
1655	KCl Solution Calorimetry	30 g	266.00	203	Mar 81
1656	Thianthrene Combustion Calorimetry	30 g	199.00	203	Jan 85
1657	Synthetic Refuse-Derived Fuel	100 g	226.00	203	May 93
1658a	CH4/Air, 1 µmol/mol	cylinder	1408.00	107	Jun 93
<b>1659a</b>	<b>CH4/Air, 10 µmol/mol</b>	<b>cylinder</b>	<b>1084.00</b> ♦	<b>107</b>	<b>Aug 97</b>
1660a	CH4-C3H8/Air, 1 µmol/mol	cylinder	1260.00	107	Nov 95
<b>1661a</b>	<b>SO2/N2, 500 µmol/mol</b>	<b>cylinder</b>	<b>1510.00</b> ♦	<b>107</b>	<b>Feb 97</b>
<b>1662a</b>	<b>SO2/N2, 1000 µmol/mol</b>	<b>cylinder</b>	<b>1490.00</b> ♦	<b>107</b>	<b>Feb 97</b>
<b>1663a</b>	<b>SO2/N2, 1500 µmol/mol</b>	<b>cylinder</b>	<b>1490.00</b> ♦	<b>107</b>	<b>Feb 97</b>
1664a	SO2/N2, 2500 µmol/mol	cylinder	1483.00 ♦	107	Aug 96
<b>1665b</b>	<b>C3H8/Air, 3 µmol/mol</b>	<b>cylinder</b>	<b>719.00</b>	<b>107</b>	<b>May 97</b>
<b>1666b</b>	<b>C3H8/Air, 10 µmol/mol</b>	<b>cylinder</b>	<b>719.00</b>	<b>107</b>	<b>May 97</b>
<b>1667b</b>	<b>C3H8/Air, 50 µmol/mol</b>	<b>cylinder</b>	<b>701.00</b>	<b>107</b>	<b>Feb 97</b>
<b>1668b</b>	<b>C3H8/Air, 100 µmol/mol</b>	<b>cylinder</b>	<b>701.00</b> ♦	<b>107</b>	<b>Jan 97</b>
1669b	C3H8/Air, 500 µmol/mol	cylinder	701.00	107	Oct 96
1671a	CO2/Air, 340 µmol/mol	---	In Prep	107	---
1672a	CO2/Air, 350 µmol/mol	---	In Prep	107	---
1674b	CO2/N2, mol 7%	---	In Prep	♦ 107	---
1675b	CO2/N2, mol 14%	---	In Prep	♦ 107	---
1678c	CO/N2, 50 µmol/mol	cylinder	1246.00 ♦	107	Nov 95
<b>1679c</b>	<b>CO/N2, 100 µmol/mol</b>	<b>cylinder</b>	<b>1002.00</b> ♦	<b>107</b>	<b>Jun 97</b>

SRM Number	SRM Description	Unit Issued	Price (Per Unit)	Technical Category	Certificate Date
1680b	CO/N2, 500 µmol/mol	cylinder	\$ 1242.00 ♦	107	Nov 95
<b>1683b</b>	<b>NO/N2, 50 µmol/mol</b>	<b>cylinder</b>	<b>1596.00 ♦</b>	<b>107</b>	<b>Dec 97</b>
1684b	NO/N2, 100 µmol/mol	---	In Prep ♦	107	---
1686b	NO/N2, 500 µmol/mol	cylinder	1254.00 ♦	107	Sep 96
1687b	NO/N2, 1000 µmol/mol	cylinder	1254.00 ♦	107	Nov 96
1690	Polystyrene (Particle Size)	5 mL	395.00	301	Dec 82
1691	Polystyrene (Particle Size)	5 mL	414.00	301	May 84
1692	Polystyrene (Particle Size)	5 mL	406.00	301	May 91
<i>1693a</i>	<i>SO2/N2, 50 µmol/mol</i>	<i>cylinder</i>	<i>1280.00 ♦</i>	<i>107</i>	<i>Aug 96</i>
1694a	SO2/N2, 100 µmol/mol	cylinder	1428.00 ♦	107	Aug 96
1696a	SO2/N2, 3500 µmol/mol	cylinder	1482.00 ♦	107	Sep 96
1710	Aluminum Alloy 3004	disk	337.00	102	Jun 93
1711	Aluminum Alloy 3004	disk	337.00	102	Jun 93
1712	Aluminum Alloy 3004	disk	326.00	102	Jun 93
1713	Aluminum Alloy 5182	disk	326.00	102	Jun 93
1714	Aluminum Alloy 5182	disk	326.00	102	Jun 93
1715	Aluminum Alloy 5182	disk	326.00	102	Jun 93
1744	Aluminum (Freezing Point)	200 g	571.00	203	Nov 94
1745	Indium (Freezing Point)	---	In Prep	203	---
1746	Silver (Freezing Point)	300 g	1434.00	203	Jul 93
<b>1747</b>	<b>Tin Freezing Point Cell</b>	<b>each</b>	<b>9999.00</b>	<b>203</b>	<b>Mar 97</b>
<b>1748</b>	<b>Zinc Freezing Point Cell</b>	<b>each</b>	<b>9999.00</b>	<b>203</b>	<b>Mar 97</b>
1754	Steel (AISI 4320)	rod	186.00	101	Feb 89
1761	LA Steel	disk	249.00	101	Apr 92
1762	LA Steel	disk	220.00	101	Apr 92
1763	LA Steel	disk	249.00	101	Apr 92
1764	LA Steel	disk	220.00	101	Feb 93
1765	LA Steel	disk	220.00	101	Feb 93
1766	LA Steel	disk	220.00	101	Feb 93
1767	LA Steel	disk	220.00	101	Jun 93
1768	High-Purity Iron	disk	283.00	101	Dec 91
1772	Tool Steel (S-7)	disk	263.00	101	Oct 95
1775	MP 35N Refractory Alloy	---	In Prep	101	---
1776	Naval Brass WK1	disk	178.00	102	Jul 95
1777	Naval Brass WK2	disk	178.00	102	Jul 95
1778	Naval Brass WK3	disk	178.00	102	Jul 95
1779	Naval Brass WK4	disk	178.00	102	Jul 95
1780	Naval Brass WK5	disk	178.00	102	Jul 95
1781	Free-Cutting Brass WN1	---	In Prep	102	---
1782	Free-Cutting Brass WN2	---	In Prep	102	---
1783	Free-Cutting Brass WN3	---	In Prep	102	---
1784	Free-Cutting Brass WN4	---	In Prep	102	---
1785	Free-Cutting Brass WN5	---	In Prep	102	---
1786	Cartridge Brass MH1	---	In Prep	102	---
1787	Cartridge Brass MH2	---	In Prep	102	---
1788	Cartridge Brass MH3	---	In Prep	102	---
1789	Cartridge Brass MH4	---	In Prep	102	---
1790	Cartridge Brass MH5	---	In Prep	102	---
1791	Gilding Metal MI1	---	In Prep	102	---
1792	Gilding Metal MI2	---	In Prep	102	---

SRM Number	SRM Description	Unit Issued	Price (Per Unit)	Technical Category	Certificate Date
1793	Gilding Metal MI3	---	In Prep	102	---
1794	Gilding Metal MI4	---	In Prep	102	---
1795	Gilding Metal MI5	---	In Prep	102	---
1800	Organic Compounds/N2	cylinder	\$ 6730.00	107	Dec 93
<i>1800a</i>	<i>Organic Compounds/N2</i>	<i>cylinder</i>	<i>1782.00</i>	<i>107</i>	<i>Aug 97</i>
1810a	Linerboard	50 each	107.00	309	May 97
1815a	n-Heptane (Fuel Rating)	100 mL	420.00	108	Mar 85
1816a	Isooctane (Fuel Rating)	100 mL	458.00	108	Mar 85
1817c	Catalyst Package IIID	set (15)	283.00	114	Jun 92
1818a	Chlorine in Lub. Base Oil	set (5)	326.00	114	Apr 94
1819a	Sulfur in Lub. Base Oil	set (5)	336.00	114	Apr 94
1820	Borosilicate Glass (Refractive Index)	set (2)	317.00	209	Sep 74
1826a	Soda-Lime Glass (Density)	each	270.00	209	Feb 96
1827a	Lead Silica Glass (Density)	each	270.00	209	Feb 96
1828a	Ethanol-Water Soln.	5 ampoules	169.00	105	Jun 96
1829	Alcohols in Ref. Fuels	set (6)	163.00	108	Mar 86
1830	Soda Lime Float (Glass)	platlet	170.00	112	Apr 97
1831	Soda Lime Sheet (Glass)	platlet	170.00	112	Apr 97
1834	Fused Ore (Glass)	disk	341.00	112	Jul 90
1835	Borate Ore	60 g	196.00	111	Sep 87
1836	Nitrogen in Lub. Base Oil	set (4)	364.00	114	Dec 89
1837	Methanol, Butanol (Fossil Fuel)	set (5)	139.00	108	Mar 86
1838	Ethanol (Fossil Fuel)	set (5)	163.00	108	Mar 86
1839	Methanol (Fossil Fuel)	set (5)	139.00	108	Mar 86
1842	X-Ray Stage Calib., X and Y Dimen.	each	1193.00	209	Nov 93
1843	X-Ray Stage Calib., Z Dimen.	each	903.00	209	Nov 93
1845	Cholesterol in Egg Powder	35 g	217.00 *	110	Apr 94
1846	Infant Formula	10x30 g	216.00	110	May 96
1850	Penetrant Test Block	each	793.00	303	Aug 97
1851	NDE Penetrant Test Block	each	533.00	303	Apr 84
1853	Magnetic Particle Test Ring	each	786.00	303	Apr 92
1857	Tool Steel (Abrasive Wear)	2 blocks	335.00	302	Mar 83
1866a	Common Commercial Asbestos	set (4)	495.00	105	Jun 91
1867	Uncommon Commercial Asbestos	set (3)	365.00	105	Aug 93
1868	Asbestos in Building Materials	---	In Prep	105	---
1872	Synthetic Glass	set (3)	271.00	103	May 84
1873	Synthetic Glass	set (3)	379.00	103	May 84
1876b	Chrysotile Asbestos	set	1144.00	105	Jan 92
1878a	Respirable Alpha Quartz	---	In Prep	105	---
1879a	Respirable Cristobalite	---	In Prep	105	---
1880	Portland Cement, Black	3 x 5 g	131.00	113	Jan 93
1881	Portland Cement, White	3 x 5 g	133.00	113	Jan 89
1882	Calcium Aluminate Cement, Orange	6 x 5 g	128.00	113	Jul 90
1883	Calcium Aluminate Cement, Silver	6 x 5 g	129.00	113	Jul 90
1884	Portland Cement, Ivory	3 x 5 g	142.00	113	Sep 89
1885	Portland Cement, Turquoise	3 x 5 g	142.00	113	Sep 89
1886	Portland Cement, Cranberry	3 x 5 g	142.00	113	Sep 89
1887	Portland Cement, Brown	3 x 5 g	142.00	113	Sep 89
1888	Portland Cement, Purple	3 x 5 g	142.00	113	Sep 89
1889	Portland Cement, Gray	3 x 5 g	142.00	113	Sep 89
1893	Microhardness, Cu-Knoop	each	702.00	302	Mar 95

SRM Number	SRM Description	Unit Issued	Price (Per Unit)	Technical Category	Certificate Date	
1894	Microhardness, Cu-Vickers	each	\$ 920.00	302	Nov 94	
1895	Microhardness, Ni-Knoop	each	542.00	302	Mar 95	
<b>1899</b>	<b>Specific Surface Area for BET</b>	<b>4 g</b>	<b>178.00</b>	<b>301</b>	<b>Jun 97</b>	
1900	Specific Surface Area for BET	---	In Prep	301	---	
1905	Microhardness, Ni-Knoop	each	702.00	302	Mar 92	
1906	Microhardness, Ni-Knoop	each	875.00	302	Nov 94	
1907	Microhardness, Ni-Knoop	each	542.00	302	Mar 95	
1920	Near IR Reflectance	---	In Prep	204	---	
1921a	IR Transmission Wavelength	---	In Prep	204		
1923	Poly(ethylene oxide)	0.2 g	176.00	202	Jun 94	
1924	Poly(ethylene oxide)	0.2 g	184.00	202	Jun 94	
1930	Glass Filters, Transmittance	set (3)	2492.00	204	Aug 94	
1939	PCBs in River Sediment A	50 g	238.00	109	Oct 90	
1941a	Organics in Marine Sediment	50 g	402.00	109	Mar 94	
1944	New York Harbour Sediment	---	In Prep	111	---	
1945	Organics in Whale Blubber	2-15 g	222.00	*	109	Jun 94
<b>1951a</b>	<b>Lipids in Frozen Human Serum</b>	<b>set (4)</b>	<b>171.00</b>	<b>*</b>	<b>105</b>	<b>Jun 97</b>
1952a	Cholesterol in Human Serum	set (6)	190.00	*	105	Jan 90
1960	Polystyrene (Particle Size)	5 mL	837.00	301	Oct 91	
1961	Polystyrene (Particle Size)	5 mL	838.00	301	Jan 87	
1963	Polystyrene (Particle Size)	5 mL	450.00	301	Nov 93	
1965	Polystyrene (on Slide)(Particle Size)	1 slide	137.00	301	Jan 87	
1967	Pt Thermocouple Wire	1 m	533.00	203	Jul 90	
1968	Gallium Melting Point	each	356.00	*	203	Mar 91
1969	Rubidium Triple Point	each	1122.00	203	Mar 91	
1970	Succinonitrile Triple Point	each	776.00	203	Apr 91	
1971	Indium Freezing-Point	each	810.00	203	Aug 90	
1972	1,3-Dioxolan-2-one Triple Point	60 g	969.00	203	May 94	
1973	n-Docosane Triple Point	60 g	969.00	203	May 93	
1974a	Organics in Mussel Tissue (Frozen)	3x15 g	417.00	*	109	Jul 97
1975	Diesel Particulate Extract	---	In Prep	109	---	
1976	Instrument Intensity, Alumina (XRD)	1 plate	185.00	209	Nov 91	
1978	Zirconium Oxide (Particle Size)	5 g	194.00	301	Oct 93	
1980	Electrophoretic Mobility, Positive	500 mg/L	201.00	301	Mar 94	
1982	Thermal Spray Zirconia (Particle Size)	10 g	203.00	301	Nov 96	
1990	Lattice Parameter Ruby Sphere	---	In Prep	209	---	
2003	First Surface Aluminum on Glass	each	2057.00	204	Mar 96	
2015	Opal Glass (Reflectance)	25x50 mm	695.00	204	May 82	
2023	Second Surface, Aluminum on Quartz	each	1423.00	204	Sep 92	
2026	First Surface, Black Glass	each	1269.00	204	Oct 92	
2030a	Glass Filters, Transmittance	each	648.00	204	Oct 93	
2031a	Metal-on-Quartz Filters, Transmittance	each	2489.00	204	Jul 97	
2032	Potassium Iodide, Stray Light	25 g	359.00	204	Oct 79	
2034	Holmium Oxide Wavelength	cuvette	566.00	204	Jul 96	
2063a	Mineral Glass (Thin Film)	3 mm grid	482.00	103	Feb 93	
2069b	SEM Performance	each	183.00	207	May 91	
2071b	Sinusoidal Roughness	---	In Prep	302	---	
2073a	Sinusoidal Roughness	each	1618.00	302	May 96	
2074	Sinusoidal Roughness	each	1021.00	302	Jun 92	
2075	Sinusoidal Roughness	each	1194.00	302	Jan 94	
2083	Socketed Ball Bar	set	2578.00	309	Aug 85	



SRM Number	SRM Description	Unit Issued	Price (Per Unit)	Technical Category	Certificate Date
2084	CMM Probe Performance Std	each	\$ 1564.00	309	Oct 96
2084r	CMM Probe (10-mm sphere)	each	580.00	309	Jun 96
2085	CMM Probe Performance Std	each	580.00	309	Jun 96
2092	Low-Energy Charpy	set (5)	434.00	309	Feb 97
2096	High-Energy Charpy	set (5)	434.00	309	Feb 97
2098	Super High-Energy Charpy	set (5)	434.00	309	Feb 97
2108	Chromium (III) Speciation	---	In Prep	104	---
2109	Chromium (VI) Speciation	50 mL	157.00	104	Aug 95
2135c	Ni-Cr Depth Profile	---	In Prep	207	---
2136	Cr/CrO2 Depth Profile	each	868.00	207	Mar 91
2137	B Implant in Si Depth Profile	each	1050.00	207	Apr 93
2141	Urea	2 g	113.00	104	Aug 70
2142	0-Bromobenzoic Acid	2 g	113.00	104	Sep 70
2143	p-Fluorobenzoic Acid	2 g	135.00	104	Jan 82
2144	m-Chlorobenzoic Acid	2 g	118.00	104	Apr 73
2151	Nicotinic Acid (Comb. Calorimetry)	25 g	264.00	203	Jan 85
2152	Urea (Comb. Calorimetry)	25 g	264.00	203	Jan 85
2159	LA Steel, Carbon & Sulfur only	200 g	277.00	101	Mar 90
2160	LA Steel, Carbon & Sulfur only	200 g	277.00	101	Mar 90
2165	LA Steel, E	150 g	217.00	101	Jun 89
2166	LA Steel, F	150 g	204.00	101	Jun 89
2167	LA Steel, G	150 g	204.00	101	Jun 89
2168	High Purity Iron	150 g	229.00	101	Dec 91
2171	LA Steel, (HSLA 100)	150 g	207.00	101	Oct 91
2172	S-7 Tool Steel	150 g	212.00	101	Dec 96
2175	MP 35N Refractory Alloy	---	In Prep	101	---
[2181	HEPES Free Acid	60 g	148.00	201	Mar 92
[2182	NaHEPESate	60 g	148.00	201	Mar 92
[2183	MOPSO Free Acid	50 g	236.00	201	Mar 92
[2184	NaMOPSOate	50 g	236.00	201	Mar 92
2185	Pot. Hydrogen Phthalate	60 g	164.00	201	Nov 84
[2186I	Pot. Dihydro. Phosphate	30 g	145.00	201	May 68
[2186II	Disod. Hydro. Phosphate	30 g	145.00	201	May 68
[2191a	Sodium Bicarbonate	30 g	164.00	201	Feb 94
[2192a	Sodium Carbonate	30 g	172.00	201	Feb 94
2193	Calcium Carbonate	30 g	172.00	201	Oct 91
2201	Sodium Chloride (Ion-Selective)	125 g	118.00	201	May 93
2202	Potassium Chloride (Ion-Selective)	160 g	115.00	201	Mar 84
2203	Potassium Fluoride (Ion-Selective)	125 g	205.00	201	May 73
2214	Iso-Octane Liquid Density	---	In Prep	209	---
2220	Tin (Dif. Scan. Calor.)	each	306.00	203	May 89
2221b	Zinc (Dif. Scan. Calor.)	---	In Prep	203	---
2222	Biphenyl (Dif. Scan. Calor.)	1 g	329.00	203	Jun 89
2225	Mercury (Dif. Scan. Calor.)	2.5 g	261.00	203	Mar 89
2260	Aromatic Hydrocarbons in Toluene	set (5)	206.00	109	Jun 91
2261	Chlorinated Pesticides in Hexane	set (5)	226.00	109	Jan 92
2262	Chlorinated Biphenyls in Isooctane	set (5)	213.00	109	Mar 95
2286	Ethanol	set (3)	235.00	108	Feb 95
2287	Ethanol	set (3)	237.00	108	Jan 95
2288	t-Amyl-methyl Ether	set (3)	237.00	108	Jan 95



SRM Number	SRM Description	Unit Issued	Price (Per Unit)	Technical Category	Certificate Date
2289	t-Amyl-methyl Ether	set (3)	\$ 237.00	108	Jan 95
2290	Ethyl-t-butyl Ether	set (3)	237.00	108	Jan 95
2291	Ethyl-t-butyl Ether	set (3)	237.00	108	Jan 95
2292	Methyl-t-butyl Ether	set (3)	237.00	108	Jan 95
2293	Methyl-t-butyl Ethyl	set (3)	237.00	108	Feb 95
2294	Reformulated Fuels	---	In Prep	108	---
2295	Reformulated Fuel	---	In Prep	108	---
2296	Reformulated Fuel	---	In Prep	108	---
2297	Reformulated Fuel	---	In Prep	108	---
2321	Sn-Pb Alloy Coating	each	418.00	207	Jun 91
2350	Nickel Step Test	each	433.00	302	Aug 85
2381	Morphine and Codeine in Urine	set (4)	296.00 *	105	Jul 93
2382	Morphine Glucuronide in Urine	set (4)	259.00 *	105	Jul 93
<b>2383</b>	<b>Baby Food Composite</b>	<b>4x70 g</b>	<b>262.00</b>	<b>110</b>	<b>Jan 98</b>
2389	Amino Acids in Hydrochloric Acid	set (5)	179.00 *	105	Dec 93
2390	DNA Profiling	set (20)	451.00 *	105	Aug 92
2391	PCR-based DNA Profiling	set (20)	435.00 *	105	May 95
2392	DNA Mitochondrial Sequencing	---	In Prep *	105	---
C2400	HA Steel ACI (17/4 PH)	disk	293.00	101	Feb 86
C2401	HA Steel (ACI-C-4M-Cu)	disk	293.00	101	Feb 86
C2402	Hastelloy®C	disk	245.00	101	Feb 86
C2415	Battery Lead	disk	327.00	102	Mar 91
C2416	Bullet Lead	disk	295.00	102	Feb 88
C2417	Lead-Base Alloy	disk	295.00	102	Feb 87
C2418	High-Purity Lead	disk	295.00	102	Feb 87
C2423	Ductile Iron A	disk	268.00	101	Nov 85
C2423a	Ductile Iron B	disk	277.00	101	Nov 85
C2424	Ductile Iron C	disk	277.00	101	Jul 85
C2424a	Ductile Iron D	disk	277.00	101	Jul 85
C2425a	Ductile Iron	disk	245.00	101	Jul 85
C2425b	Ductile Iron	---	In Prep	101	---
2430	Scheelite Ore	100 g	163.00	111	Jan 87
2431	Titanium Base Alloy	50 g	212.00	102	Aug 93
2432	Titanium Base Alloy	50 g	212.00	102	Aug 93
2433	Titanium Alloy	50 g	251.00	102	Apr 96
<b>2517</b>	<b>Wavelength Reference Absorption</b>	<b>each</b>	<b>2228.00</b>	<b>207</b>	<b>Oct 97</b>
2518	Polarization Mode Dispersion	---	In Prep	207	---
2519	Wavelength Reference Absorption	---	In Prep	207	---
2520	Optical Fiber Diameter	each	1692.00	207	Jan 96
2521	Optical Fiber Coating	---	In Prep	207	---
2522	Pin Gage for Optical Fiber Ferrules	each	570.00	207	May 96
<b>2523</b>	<b>Optical Fiber Ferrule Geometry</b>	<b>each</b>	<b>556.00</b>	<b>207</b>	<b>Aug 97</b>
<b>2524</b>	<b>Optical Fiber Chromatic Dispersion</b>	<b>each</b>	<b>3104.00</b>	<b>207</b>	<b>Feb 97</b>
<b>2525</b>	<b>Optical Retardance</b>	<b>each</b>	<b>5338.00</b>	<b>207</b>	<b>Apr 97</b>
2526	111P-Type Si. Sprd. Resist.	set (16)	1958.00	206	Aug 83
2527	111N-Type Si. Sprd. Resist.	set (16)	1958.00	206	Aug 83
2531	Si/SiO2 Thickness-50 nm	each	1565.00	207	Jul 92
2532	Si/SiO2 Thickness-100 nm	each	1972.00	207	Jul 92
2533	Si/SiO2 Thickness-200 nm	each	2035.00	207	Jul 92
2534	Si/SiO2 Thickness-25 nm	each	1565.00	207	Jul 92
2535	Si/SiO2 Thickness-14 nm	each	2102.00	207	Sep 94

SRM Number	SRM Description	Unit Issued	Price (Per Unit)	Technical Category	Certificate Date
2536	Si/SiO <sub>2</sub> Thickness-10 nm	each	\$ 3151.00	207	Sep 94
<b>2541</b>	<b>Silicon Resistivity</b>	<b>each</b>	<b>708.00</b>	<b>206</b>	<b>Jun 97</b>
<b>2542</b>	<b>Silicon Resistivity</b>	<b>each</b>	<b>708.00</b>	<b>206</b>	<b>Jun 97</b>
2543	Silicon Resistivity	---	In Prep	206	---
<b>2544</b>	<b>Silicon Resistivity</b>	<b>each</b>	<b>708.00</b>	<b>206</b>	<b>Aug 97</b>
<b>2545</b>	<b>Silicon Resistivity</b>	<b>each</b>	<b>708.00</b>	<b>206</b>	<b>Jun 97</b>
<b>2546</b>	<b>Silicon Resistivity</b>	<b>each</b>	<b>708.00</b>	<b>206</b>	<b>Jun 97</b>
<b>2547</b>	<b>Silicon Resistivity</b>	<b>each</b>	<b>708.00</b>	<b>206</b>	<b>Jun 97</b>
2551	Oxygen in Silicon	set (4)	584.00	207	Mar 94
2556	Recycled Pellet (Autocatalyst)	70 g	199.00	106	Aug 93
2557	Recycled Monolith (Autocatalyst)	70 g	199.00	106	Aug 93
2567	Catalyst Package (Seq. III E)	set (5)	230.00	114	Jul 95
2579	Lead Paint Film for XRF	set (5)	305.00	105	Mar 93
2580	Powdered Paint Nominal 4% Lead	30 g	149.00	105	Dec 96
<b>2581</b>	<b>Powdered Paint Nominal 0.5 % Lead</b>	<b>35 g</b>	<b>147.00</b>	<b>105</b>	<b>Jun 97</b>
2582	Powdered Paint Nominal 200mg/kg Lead	20 g	185.00	105	Jun 97
2583	Trace Elements in Indoor Dust	8 g	188.00	105/106	Dec 96
2584	Trace Elements in Indoor Dust	---	In Prep	105	---
2586	Trace Elements in Soil /Lead Paint	---	In Prep	105/111	---
2587	Trace Elements in Soil/Lead Paint	---	In Prep	105/111	---
<b>2589</b>	<b>Powdered Paint Nominal 10% Lead</b>	<b>35 g</b>	<b>146.00</b>	<b>105</b>	<b>Jun 97</b>
<b>2612a</b>	<b>CO/Air, 10 µmol/mol</b>	<b>cylinder</b>	<b>1258.00</b>	<b>107</b>	<b>Jun 97</b>
2613a	CO/Air, 20 µmol/mol	cylinder	1241.00	107	Nov 95
2614a	CO/Air, 45 µmol/mol	cylinder	1241.00	107	Nov 95
<b>2619a</b>	<b>CO<sub>2</sub>/N<sub>2</sub>, 0.5 mol %</b>	<b>cylinder</b>	<b>1023.00</b>	<b>107</b>	<b>Jun 97</b>
<b>2620a</b>	<b>CO<sub>2</sub>/N<sub>2</sub>, 1.0 mol %</b>	<b>cylinder</b>	<b>1023.00</b>	<b>107</b>	<b>Jun 97</b>
<b>2621a</b>	<b>CO<sub>2</sub>/N<sub>2</sub>, 1.5 mol %</b>	<b>cylinder</b>	<b>1023.00</b>	<b>107</b>	<b>Aug 97</b>
2622a	CO <sub>2</sub> /N <sub>2</sub> , 2.0 mol %	cylinder	1280.00	107	Nov 95
2623a	CO <sub>2</sub> /N <sub>2</sub> , 2.5 mol %	cylinder	1266.00	107	Jun 92
2624a	CO <sub>2</sub> /N <sub>2</sub> , 3.0 mol %	cylinder	1257.00	107	Jul 96
2625a	CO <sub>2</sub> /N <sub>2</sub> , 3.5 mol %	cylinder	630.00	♦ 107	Aug 94
2626a	CO <sub>2</sub> /N <sub>2</sub> , 4.0 mol %	cylinder	1236.00	107	Apr 95
2627a	NO/N <sub>2</sub> , 5 µmol/mol	cylinder	1855.00	107	Dec 95
<b>2629a</b>	<b>NO/N<sub>2</sub>, 20 µmol/mol</b>	<b>cylinder</b>	<b>1414.00</b>	<b>♦ 107</b>	<b>Aug 97</b>
<b>2630</b>	<b>NO/N<sub>2</sub>, 1500 µmol/mol</b>	<b>cylinder</b>	<b>1224.00</b>	<b>♦ 107</b>	<b>Apr 97</b>
2631a	NO/N <sub>2</sub> , 3,000 µmol/mol	---	In Prep	♦ 107	---
<b>2635a</b>	<b>CO/N<sub>2</sub>, 25 µmol/mol</b>	<b>cylinder</b>	<b>1001.00</b>	<b>♦ 107</b>	<b>Jun 97</b>
<b>2636a</b>	<b>CO/N<sub>2</sub>, 250 µmol/mol</b>	<b>cylinder</b>	<b>1001.00</b>	<b>♦ 107</b>	<b>May 97</b>
<b>2637a</b>	<b>CO/N<sub>2</sub>, 2500 µmol/mol</b>	<b>cylinder</b>	<b>971.00</b>	<b>♦ 107</b>	<b>May 97</b>
<b>2638a</b>	<b>CO/N<sub>2</sub>, 5000 µmol/mol</b>	<b>cylinder</b>	<b>971.00</b>	<b>♦ 107</b>	<b>May 97</b>
<b>2639a</b>	<b>CO/N<sub>2</sub>, 1 mol %</b>	<b>cylinder</b>	<b>1242.00</b>	<b>107</b>	<b>Sep 97</b>
<b>2640a</b>	<b>CO/N<sub>2</sub>, 2 mol %</b>	<b>cylinder</b>	<b>1242.00</b>	<b>107</b>	<b>Sep 97</b>
<b>2641a</b>	<b>CO/N<sub>2</sub>, 4 mol %</b>	<b>cylinder</b>	<b>1242.00</b>	<b>107</b>	<b>Oct 97</b>
2642a	CO/N <sub>2</sub> , 8 mol %	cylinder	1138.00	♦ 107	Sep 93
2643a	C <sub>3</sub> H <sub>8</sub> /N <sub>2</sub> , 100 µmol/mol	---	In Prep	107	---
2644a	C <sub>3</sub> H <sub>8</sub> /N <sub>2</sub> , 250 µmol/mol	---	In Prep	107	---
2645a	C <sub>3</sub> H <sub>8</sub> /N <sub>2</sub> , 500 µmol/mol	---	In Prep	107	---
2646a	C <sub>3</sub> H <sub>8</sub> /N <sub>2</sub> , 1000 µmol/mol	---	In Prep	107	---
2647a	C <sub>3</sub> H <sub>8</sub> /N <sub>2</sub> , 2500 µmol/mol	---	In Prep	107	---

SRM Number	SRM Description	Unit Issued	Price (Per Unit)	Technical Category	Certificate Date
2648a	C3H8/N2 5000 µmol/mol	---	In Prep	107	---
2649a	C3H8/N2, 1 mol %	---	In Prep	107	---
2650	C3H8/N2, 2 mol %	---	In Prep	107	---
2656	NOx/Air, 2500 µmol/mol	---	In Prep	107	---
2657a	O2/N2, 2 mol %	---	In Prep ♦	107	---
2658a	O2/N2, 10 mol %	---	In Prep ♦	107	---
2659a	O2/N2, 21 mol %	---	In Prep ♦	107	---
2660	NOx/Air, 100 µmol/mol	---	In Prep ♦	107	---
2670	Toxic Metals in Urine	set (4)	\$ 270.00 *	105	Aug 94
2671a	Fluorine in Urine	set (4)	222.00 *	105	Aug 95
2672a	Mercury in Urine	set (4)	211.00 *	105	May 83
2676d	Metals on Filter Media	set (6)	211.00	105	Aug 92
2677a	Be and As on Filter Media	set	215.00	105	Feb 94
2678	Membrane Blank Filter	set (10)	178.00	105	May 88
2679a	Quartz on Filter Media	set (4)	216.00	105	May 84
2681	Ashless Blank Filter	set (10)	209.00	105	May 88
2682a	Sulfur in Coal, 0.5%	50g	148.00	108/203	May 94
2682b	Sulfur in Coal, 0.5%	---	In Prep	108/203	---
<b>2683b</b>	<b>Sulfur in Coal, 2%</b>	<b>50g</b>	<b>142.00</b>	<b>108/203</b>	<b>Oct 97</b>
2684a	Sulfur in Coal, 3%	50g	143.00	108/203	Dec 97
2685a	Sulfur in Coal, 5%	50 g	148.00	108/203	May 94
2689	Coal Fly Ash	set (3)	158.00	108	Dec 93
2690	Coal Fly Ash	set (3)	158.00	108	Dec 93
2691	Coal Fly Ash	set (3)	192.00	108	Dec 93
2692a	Sulfur in Coal, 1%	50 g	140.00	108/203	Sep 94
2694b	Simulated Rainwater	---	In Prep	106	---
2695	Fluoride in Vegetation	25 g (2)	204.00	110	Aug 91
2704a	Buffalo River Sediment	---	In Prep	106/111	---
2709	San Joaquin Soil	50 g	237.00	111	Aug 93
2710	Montana I Soil	50 g	237.00	111	Oct 97
2711	Montana II Soil	50 g	237.00	111	Aug 93
2712	Lead in Ref. Fuel	6 x 20 mL	164.00	108	Sep 88
2713	Lead in Ref. Fuel	6 x 20 mL	147.00	108	Sep 88
2714	Lead in Ref. Fuel	6 x 20 mL	147.00	108	Sep 88
2715	Lead in Ref. Fuel	6 x 20 mL	166.00	108	Sep 88
2717	Sulfur in Residual Fuel Oil	100 mL	176.00	108	Oct 90
2718	Green Petroleum Coke	---	In Prep	108	---
2719	Calcined Petroleum Coke	---	In Prep	108	---
2720	Di-N-Butyl Sulfide	---	In Prep	108	---
2724a	Sulfur in Dist Oil, 0.04%	100 mL	169.00	108	Aug 95
2730	H2S/N2, 5 µmol/mol	---	In Prep	107	---
2731	H2S/N2, 20 µmol/mol	---	In Prep	107	---
2735	NO/N2, 800 µmol/mol	---	In Prep	107	---
2736	NO/N2, 2000 µmol/mol	---	In Prep	107	---
2740	CO/N2, 10 mol %	lg. cylinder	2429.00	107	Sep 90
2741	CO/N2, 13 mol %	lg. cylinder	2429.00	107	Sep 90
2745	CO2/N2, 16 mol %	cylinder	1227.00	107	Jul 96
<b>2750</b>	<b>CH4/Air, 50 µmol/mol</b>	<b>cylinder</b>	<b>1084.00</b>	<b>107</b>	<b>May 97</b>
<b>2751</b>	<b>CH4/Air, 100 µmol/mol</b>	<b>cylinder</b>	<b>1084.00</b>	<b>107</b>	<b>May 97</b>
2764	C3H8/Air, 0.25 µmol/mol	cylinder	1294.00	107	Nov 95

SRM Number	SRM Description	Unit Issued	Price (Per Unit)	Technical Category	Certificate Date
2775	<i>Foundry Coke</i>	50 g	\$ 147.00	108	May 97
2776	<i>Furnace Coke</i>	50 g	147.00	108	---
2781	Domestic Sludge	40 g	245.00	106	Oct 96
2782	Industrial Sludge	---	In Prep	106	---
2798	Microhardness, Ni Vickers	each	813.00	302	Aug 93
2806	<i>Medium Test Dust (MTD)</i>	<i>each</i>	<i>670.00</i>	<i>301</i>	<i>Dec 97</i>
2830	Microhardness, Ceramic-Knoop	each	594.00	302	Feb 96
2831	Microhardness, Ceramic-Knoop	---	In Prep	302	---
2910	<i>Calcium Hydroxyapatite</i>	<i>5 g</i>	<i>166.00</i>	<i>105</i>	<i>Nov 97</i>
2974	<i>Organics in Mussel Tissue (freeze-dried)</i>	<i>8 g</i>	<i>417.00</i>	<i>109</i>	<i>Jul 97</i>
2975	Diesel Particulate Matter	---	In Prep	109	---
3087a	<i>Metals on Filter Media</i>	<i>set (6)</i>	<i>183.00</i>	<i>105</i>	<i>Sep 97</i>
3101a	Aluminum Standard Soln.	50 mL	153.00	104	May 96
3102a	Antimony Standard Soln.	50 mL	153.00	104	Apr 97
3103a	Arsenic Standard Soln.	50 mL	153.00	104	Mar 97
3104a	Barium Standard Soln.	50 mL	153.00	104	Sep 97
3105a	Beryllium Standard Soln.	50 mL	153.00	104	Oct 96
3106	Bismuth Standard Soln.	50 mL	153.00	104	Aug 96
3107	Boron Standard Soln.	50 mL	153.00	104	Jan 97
3108	Cadmium Standard Soln.	50 mL	153.00	104	Jan 97
3109a	Calcium Standard Soln.	50 mL	153.00	104	Nov 96
3110	Cerium Standard Soln.	50 mL	153.00	104	Feb 95
3111a	Cesium Standard Soln.	50 mL	153.00	104	Feb 95
3112a	Chromium Standard Soln.	50 mL	153.00	104	Oct 96
3113	Cobalt Standard Soln.	50 mL	153.00	104	May 96
3114	Copper Standard Soln.	50 mL	153.00	104	Apr 97
3115a	Dysprosium Standard Soln.	50 mL	153.00	104	Apr 96
3116a	Erbium Standard Soln.	50 mL	153.00	104	Sep 96
3117a	Europium Standard Soln.	50 mL	153.00	104	Oct 96
3118a	Gadolinium Standard Soln.	50 mL	153.00	104	Jul 96
3119a	Gallium Standard Soln.	50 mL	153.00	104	Jun 96
3120	Germanium Standard Soln.	50 mL	153.00	104	Mar 97
3121	Gold Standard Soln.	50 mL	153.00	104	Mar 97
3122	Hafnium Standard Soln.	50 mL	153.00	104	Jan 96
3123a	Holmium Standard Soln.	50 mL	153.00	104	Aug 95
3124a	Indium Standard Soln.	50 mL	153.00	104	Jan 97
3126a	Iron Standard Soln.	50 mL	153.00	104	Mar 96
3127a	Lanthanum Standard Soln.	50 mL	153.00	104	Jul 96
3128	Lead Standard Soln.	50 mL	153.00	104	May 97
3129a	Lithium Standard Soln.	50 mL	153.00	104	Feb 96
3130a	Lutetium Standard Soln.	50 mL	153.00	104	Jul 95
3131a	Magnesium Standard Soln.	50 mL	153.00	104	Jan 97
3132	Manganese Standard Soln.	50 mL	153.00	104	Oct 95
3133	Mercury Standard Soln.	50 mL	153.00	104	Jan 97
3134	Molybdenum Standard Soln.	50 mL	153.00	104	May 96
3135a	Neodymium Standard Soln.	50 mL	153.00	104	Feb 96
3136	Nickel Standard Soln.	50 mL	153.00	104	Jan 97
3137	Niobium Standard Soln.	50 mL	153.00	104	Mar 97
3138	Palladium Standard Soln.	50 mL	153.00	104	Dec 96
3139a	Phosphorus Standard Soln.	50 mL	153.00	104	Aug 96
3140	Platinum Standard Soln.	50 mL	153.00	104	Nov 97



SRM Number	SRM Description	Unit Issued	Price (Per Unit)	Technical Category	Certificate Date
3141a	Potassium Standard Soln.	50 mL	\$ 153.00	104	Mar 97
3142a	Praseodymium Standard Soln.	50 mL	153.00	104	Feb 96
3143	Rhenium Standard Soln.	50 mL	153.00	104	Mar 97
3144	Rhodium Standard Soln.	50 mL	186.00	104	Aug 95
3145a	Rubidium Standard Soln.	50 mL	153.00	104	Aug 95
3147a	Samarium Standard Soln.	50 mL	153.00	104	Aug 95
3148a	Scandium Standard Soln.	50 mL	227.00	104	Jul 95
3149	Selenium Standard Soln.	50 mL	153.00	104	Apr 97
3150	Silicon Standard Soln.	50 mL	153.00	104	May 97
3151	Silver Standard Soln.	50 mL	153.00	104	May 96
3152a	Sodium Standard Soln.	50 mL	153.00	104	May 97
3153a	Strontium Standard Soln.	50 mL	153.00	104	Jan 97
3154	Sulfur Standard Soln.	50 mL	153.00	104	Nov 95
3155	Tantalum Standard Soln.	50 mL	153.00	104	Mar 96
3156	Tellurium Standard Soln.	50 mL	153.00	104	May 95
3157a	Terbium Standard Soln.	50 mL	153.00	104	Aug 95
3158	Thallium Standard Soln.	50 mL	153.00	104	Mar 97
3159	Thorium Standard Soln.	50 mL	153.00	104	Oct 96
3160a	Thulium Standard Soln.	50 mL	153.00	104	Jul 95
3161a	Tin Standard Soln.	50 mL	153.00	104	Feb 97
3162a	Titanium Standard Soln.	50 mL	153.00	104	Mar 97
3163	Tungsten Standard Soln.	50 mL	153.00	104	May 97
3164	Uranium Standard Soln.	50 mL	153.00	104	Mar 97
3165	Vanadium Standard Soln.	50 mL	153.00	104	Apr 97
3166a	Ytterbium Standard Soln.	50 mL	153.00	104	Jul 95
3167a	Yttrium Standard Soln.	50 mL	153.00	104	Aug 95
3168a	Zinc Standard Soln.	50 mL	153.00	104	Jun 96
3169	Zirconium Standard Soln.	50 mL	153.00	104	Jul 97
3172a	Multielement Mix B1 Standard Soln.	50 mL	179.00	104	Apr 96
3179	Multielement Mixes I, II, III	50 mL	179.00	104	Sep 97
3181	Sulfate Anion Soln.	50 mL	137.00	104	Sep 97
3182	Chloride Anion Soln.	50 mL	137.00	104	Aug 97
3183	Fluoride Anion Soln.	50 mL	137.00	104	Aug 97
3184	Bromide Anion Soln.	50 mL	137.00	104	Dec 97
3185	Nitrate Anion Soln.	50 mL	137.00	104	Oct 96
3186	Phosphate Anion Soln.	50 mL	137.00	104	Oct 97
3190	Electro. Conductivity (25 $\mu$ S/cm)	500 mL	321.00	201	Feb 97
3191	Electro. Conductivity (100 $\mu$ S/cm)	500 mL	321.00	201	Sep 97
3192	Electro. Conductivity (500 $\mu$ S/cm)	500 mL	321.00	201	Apr 97
3193	Electro. Conductivity (1000 $\mu$ S/cm)	500 mL	321.00	201	Sep 97
3194	Electro. Conductivity (10,000 $\mu$ S/cm)	---	In Prep	201	---
3195	Electro. Conductivity (100,000 $\mu$ S/cm)	500 mL	321.00	201	Apr 97
3196	Electro. Conductivity (20,000 $\mu$ S/cm)	---	In Prep	201	---
3198	Electro. Conductivity (5 $\mu$ S/cm)	---	In Prep	201	---
3199	Electro. Conductivity (15 $\mu$ S/cm)	---	In Prep	201	---
4200B	Cesium/Barium-137m	each	291.00	205	Dec 79
4201B	Niobium-94	each	563.00	205	Jun 70
4203D	Cobalt-60	each	676.00	205	Jun 95
4207B	Cesium-137/Barium-137m	each	713.00	205	Mar 87
4222C	Carbon-14 (as hexadene)	5 mL	821.00	205	Jan 91

SRM Number	SRM Description	Unit Issued	Price (Per Unit)	Technical Category	Certificate Date	
4226C	Nickel-63	5 mL	\$ 661.00	205	Dec 95	
4233D	Cesium-137	5 mL	645.00	205	Jul 96	
4234A	Strontium /Yttrium-90	5 mL	811.00	205	May 95	
4241C	Barium-133	---	In Prep	205	---	
4251C	Barium-133 Soln.	5mL	726.00	205	Oct 94	
4275C	Mixed Radionuclide	each	947.00	205	Sep 88	
4288A	Technetium-99 Soln.	5 mL	583.00	205	Oct 96	
4320A	Curium-244 Soln.	5 mL	673.00	205	Feb 96	
<b>4321C</b>	<b>Natural Uranium Soln.</b>	<b>5 mL</b>	<b>632.00</b>	<b>205</b>	<b>Dec 97</b>	
4322B	Americium-241 Soln.	5 mL	661.00	205	Oct 91	
4323A	Plutonium-238 Soln.	5 mL	693.00	205	Feb 95	
4324A	Uranium-232 Soln.	5 mL	673.00	205	Jun 95	
4325	Beryllium-10/9 Isotopic	50 mL	1586.00	205	May 90	
4326	Polonium-209 Soln.	5 mL	656.00	205	Jan 95	
4328B	Thorium-229 Soln.	5 mL	645.00	205	Jul 96	
4329	Curium-243 Soln.	5.1 g	525.00	205	Mar 85	
4330A	Plutonium-239 Alpha Particle	5mL	661.00	205	Jan 96	
4332D	Americium-243 Soln.	5 mL	661.00	205	Sep 95	
4334F	Plutonium-242 Soln.	5 mL	709.00	205	Mar 96	
4338A	Plutonium-240 Soln.	5 mL	645.00	205	Aug 96	
4339A	Radium-228 Soln	5 mL	691.00	205	Aug 95	
4340A	Plutonium-241 Soln.	5 mL	617.00	205	May 96	
4341	Neptunium-237	5 g	645.00	205	Jan 93	
4350B	River Sediment (Radioactivity)	85 g	335.00	205	Sep 81	
4351	Human Lung (Radioactivity)	45 g	568.00	*	205	Oct 82
4352	Human Liver (Radioactivity)	45 g	386.00	*	205	Jun 82
4353A	Rocky Flats Soil #2	---	In Prep	205	---	
4354	Lake Sediment (Radioactivity)	25 g	276.00	205	Feb 86	
4355	Peruvian Soil (Radioactivity)	75 g	351.00	205	Jun 82	
4356	Ashed Bone (Radioactivity)	---	In Prep	205	---	
4357	Ocean Sediment (Radioactivity)	85 g	423.00	205	Mar 97	
4370C	Europium-152 Soln.	5 mL	512.00	205	Mar 87	
4401W	Iodine-131 Soln.	5 mL	---	205	FC	
4404S	Thallium-201 Soln.	5 mL	---	205	FC	
4406O	Phosphorus-32 Soln.	5 mL	---	205	FC	
4407U	Iodine-125 Soln.	5 mL	---	205	FC	
4408F	Cobalt-57 Soln.	5 mL	---	205	FC	
4410V	Technetium-99M Soln.	5 mL	---	205	FC	
4412V	Molybdenum-99/Technetium-99 Soln.	5 mL	---	205	FC	
4415U	Xenon-133 Gas	5 mL	---	205	FC	
4416Q	Gallium-67 Soln.	5 mL	---	205	FC	
4417Q	Indium-111 Soln.	5 mL	---	205	FC	
4425C	Samarium-153 Soln.	5 mL	---	205	FC	
4426A	Strontium-89 Soln.	5 mL	---	205	FC	
4427B	Yttrium-90 Soln.	5 mL	---	205	FC	
4906C	Plutonium-238	5mL	632.00	205	Nov 87	
4915E	Cobalt-60 Soln.	5 mL	661.00	205	Apr 95	
4919H	Strontium-90 Soln.	5 mL	629.00	205	Feb 91	
4926D	Hydrogen-3 Water Soln.	18 mL	823.00	205	Aug 89	
4927E	Hydrogen-3 Soln.	3 mL	735.00	205	Jan 89	
4929D	Iron-55 Soln.	5 mL	644.00	205	Feb 86	

SRM Number	SRM Description	Unit Issued	Price (Per Unit)	Technical Category	Certificate Date
4943	Chlorine-36 (Beta) Soln.	3 mL	\$ 515.00	205	Dec 84
4947C	Hydrogen-3 Toluene Soln.	4mL	512.00	205	May 87
4949C	Iodine-129 Soln.	5 mL	768.00	205	Jul 95
4950E	Radium-226 Soln.	5 mL	525.00	205	May 84
4952C	Radium-226 Blank Soln.	5 mL	512.00	205	Jan 92
4965	Radium-226 Soln.	5 mL	519.00	205	Jan 92
4966	Radium-226 Soln.	5 mL	466.00	205	Jan 92
4967	Radium-226 Soln.	5 mL	490.00	205	Jan 92
4968	Radium-226	0.35 g	709.00	205	Aug 94
4990C	Oxalic Acid (C-14 Dating)	8 x 28 g	422.00	205	Jul 83
8030	BCR/CRM-060 Aquatic Plant	25 g	232.00	110	Jun 82
8031	BCR/CRM-061 Aquatic Plant	25 g	232.00	110	Jun 82
8036	BCR/CRM-150 Spiked S Milk	50 g	185.00	110	Dec 85
8050	RCM FAU6 Fine Gold (Block)	30 g	1779.00	104	Aug 95
8051	RCM FAU6 Fine Gold (Wire)	25 g	2684.00	104	Aug 95
8052	RCM FAU6 Fine Gold (Turnings)	25 g	1784.00	104	Aug 95
8053	RCM FAU7 Fine Gold (Block)	30 g	1779.00	104	Oct 95
8054	RCM FAU7 Fine Gold (Wire)	25 g	2684.00	104	Oct 95
8055	RCM FAU7 Fine Gold (Turnings)	25 g	1784.00	104	Oct 95
8056	RCM FAU8 Fine Gold (Block)	30 g	1779.00	104	Oct 95
8057	RCM FAU8 Fine Gold (Wire)	25 g	2684.00	104	Oct 95
8058	RCM FAU8 Fine Gold (Turnings)	25 g	1784.00	104	Oct 95
8059	RCM FAU9 Fine Gold (Block)	30 g	1779.00	104	Oct 95
8060	RCM FAU9 Fine Gold (Wire)	25 g	2684.00	104	Oct 95
8061	RCM FAU9 Fine Gold (Turnings)	25 g	1784.00	104	Oct 95
8062	RCM FAU10 Fine Gold (Block)	30 g	1779.00	104	Oct 95
8063	RCM FAU10 Fine Gold (Wire)	25 g	2684.00	104	Oct 95
8064	RCM FAU10 Fine Gold (Turnings)	25 g	1784.00	104	Oct 95
8065	RCM FAU11 Fine Gold (Block)	30 g	1779.00	104	Sep 95
8066	RCM FAU11 Fine Gold (Wire)	25 g	2684.00	104	Sep 95
8067	RCM FAU11 Fine Gold (Turnings)	25 g	1784.00	104	Sep 95
8068	RCM Gold Bullion 1 (Disc)	17.5 g	647.00	104	Oct 95
8069	RCM Bullion Gold 1 (Wire)	25 g	659.00	104	Oct 95
8070	RCM Gold Bullion 1 (Foil)	25 g	809.00	104	Oct 95
8071	RCM Gold Bullion 2 (Disc)	16.6 g	614.00	104	Oct 95
8072	RCM Bullion Gold 2 (Wire)	25 g	659.00	104	Oct 95
8073	RCM Gold Bullion 2 (Foil)	25 g	809.00	104	Oct 95
8074	RCM Gold Bullion 3 (Disc)	16.1 g	597.00	104	Oct 95
8075	RCM Bullion Gold 3 (Wire)	25 g	659.00	104	Oct 95
8076	RCM Gold Bullion 3 (Foil)	25 g	810900	104	Oct 95
8077	RCM Gold Bullion 4 (Disc)	15.6 g	579.00	104	Oct 95
8078	RCM Bullion Gold 4 (Wire)	25 g	6593.00	104	Oct 95
8079	RCM Gold Bullion 4 (Foil)	25 g	809.00	104	Oct 95
8080	RCM Gold Bullion 5 (Disc)	15.0 g	555.00	104	Oct 95
8081	RCM Bullion Gold 5 (Wire)	25 g	659.00	104	Oct 95
8082	RCM Gold Bullion 5 (Foil)	25 g	809.00	104	Oct 95
8090	SEM Magnification RM	each	1210.00	207	Aug 95
8153	RCM FS8 Fine Silver (Block)	30 g	1449.00	104	Oct 95
8156	RCM FS9 Fine Silver (Block)	30 g	1449.00	104	Aug 95
8159	RCM FS10 Fine Silver (Block)	30 g	1449.00	104	Aug 95
8162	RCM FS11 Fine Silver (Block)	30 g	1449.00	104	Oct 95

SRM Number	SRM Description	Unit Issued	Price (Per Unit)	Technical Category	Certificate Date	
8165	RCM FS12 Fine Silver (Block)	30 g	\$ 1449.00	104	Oct 95	
8168	RCM FS13 Fine Silver (Block)	30 g	1449.00	104	Sep 95	
8171	RCM FS14 Fine Silver (Block)	30 g	1449.00	104	Oct 95	
8407	Tennessee River Sediment	25 g	151.00	111	Jun 90	
8411	Mixed Asbestos Research Filter	each	768.00	105	Nov 88	
8412	Corn Stalk (Zea Mays)	34 g	156.00	110	Mar 94	
8413	Corn Kernel (Zea Mays)	47 g	155.00	110	Feb 94	
8414	Bovine Muscle Powder (Beef)	50 g (2)	155.00	110	Feb 94	
8415	Whole Egg Powder	35 g	155.00	110	Sep 93	
8416	Micro. Cellulose	35 g	155.00	110	Sep 93	
8418	Wheat Gluten	50 g	155.00	110	Sep 93	
8420	Iron Electrolytic	5 cm	270.00	203/206	May 84	
8421	Iron Electrolytic	5 cm	243.00	203/206	May 84	
8424	Graphite	0.64 cm	241.00	203	May 84	
8425	Graphite	1.27 cm	298.00	203	May 84	
8426	Graphite	2.54 cm	330.00	203	May 84	
8432	Corn Starch	50 g	155.00	110	Sep 93	
8433	Corn Bran	50 g	156.00	110	Sep 93	
8435	Whole Milk Powder	40 g	156.00	110	Sep 93	
8436	Durum Wheat Flour	50 g	156.00	*	110	Sep 93
8437	Hard Red Spring Wheat Flour	2 btl.	155.00	110	Sep 93	
8438	Soft Winter Wheat Flour	2 btl.	155.00	110	Sep 93	
<b>8441</b>	<b>Wheat Hardness</b>	<b>set(50)</b>	<b>145.00</b>	<b>110</b>	<b>Dec 97</b>	
8443	GC/MS System Performance	set (20)	203.00	109	Aug 84	
8444	Cotinine in Fr.-Dried Human Urine	set	185.00	*	105	Feb 89
8448	Drugs of Abuse in Hair	120 mg	92.00	105	Mar 92	
8449	Drugs of Abuse in Hair	120 mg	92.00	105	Feb 92	
8450	Polyethylene Piping, 1.3 cm	2 pieces	92.00	202	Jan 88	
8451	Polyethylene Piping, 4.8 cm	2 pieces	92.00	202	Jan 88	
8452	Polyethylene Piping, 10.2 cm	2 pieces	92.00	202	Jan 88	
8453	Poly Socket T Joint	3 pieces	92.00	202	Jan 88	
8454	Poly Butt T Joint	3 pieces	92.00	202	Jan 88	
8455	Pyrite Ore	100 g	105.00	111	Apr 91	
8458	Artificial Flaw for Eddy Current NDF	each	685.00	303	Aug 91	
8464	Aldrin (neat)	---	In Prep	109	---	
8465	Dieldrin (neat)	---	In Prep	109	---	
8466	Y-HCH (Lindane) (neat)	100 mg	182.00	109	Apr 92	
8467	4,4'-DDE (neat)	100 mg	214.00	109	Apr 92	
8468	Heptachlor (neat)	---	In Prep	109	---	
8469	Pesticide, 4,4'-DDT (neat)	100 mg	199.00	109	Apr 92	
8486	Portland Cement Clinker	3 x 10 g	137.00	113	May 89	
8487	Portland Cement Clinker	3 x 10 g	137.00	113	May 89	
8488	Portland Cement Clinker	3 x 10 g	137.00	113	May 89	
8491	Sugar Cane Bagasse	---	In Prep	110	---	
8492	Eastern Cottonwood	---	In Prep	110	---	
8493	Pinus Radiata	---	In Prep	110	---	
8494	Wheat Straw	---	In Prep	110	---	
8495	Northern Softwood	10 sheets	92.00	209	N/A	
8496	Eucalyptus Hardwood	10 sheets	92.00	209	N/A	
8501	Catalyst Package III E	set (5)	232.00	114	Jul 91	
8505	Vanadium in Crude Oil	275 mL	92.00	108	Oct 83	



SRM Number	SRM Description	Unit Issued	Price (Per Unit)	Technical Category	Certificate Date
8506	Transformer Oil	set (5)	\$ 232.00	108	Jun 97
8507	Mineral Oil	set (5)	205.00	108	Jun 97
8509	Moisture in Methanol, 93 mg/kg	set (5)	183.00	108	Jun 97
8510	Moisture in Methanol, 325 mg/kg	set (5)	183.00	108	Jun 97
8517	N-Decane Flashpoint	4 x 20 mL	234.00	203	Oct 95
8518	N-Undecane Flashpoint	4 x 20 mL	234.00	203	Oct 95
8519	N-Tetradecane Flashpoint	4 x 20 mL	234.00	203	Oct 95
8520	N-Hexadecane Flashpoint	4 x 20 mL	234.00	203	Oct 95
8535	VSMOW-Water	30 mL	121.00	104	Oct 92
8536	GISP-Water	30 mL	121.00	104	Oct 92
8537	SLAP-Water	30 mL	121.00	104	Oct 92
8538	NBS30-Biotite	2 g	121.00	104	Jun 92
8540	PEFI-Polyethylene Foil	mg	121.00	104	Jun 92
8541	USGS24-Graphite	0.4 g	121.00	104	Jun 92
8542	Sucrose ANU-Sucrose	1 g	121.00	104	Jun 92
8543	NBS18-Carbonatite	0.4 g	121.00	104	Jun 92
8544	NBS19-Limestone	0.4 g	121.00	104	Jun 92
8545	LSVEC-Lithium Carbonate	0.4 g	121.00	104	Jun 92
8546	NBS28-Silica Sand	0.4 g	121.00	104	Jun 92
8547	IAEAN1-Ammonium Sulfate	0.4 g	121.00	104	Feb 93
8548	IAEAN2-Ammonium Sulfate	0.4 g	121.00	104	Feb 93
8549	IAEAN3-Potassium Nitrate	0.4 g	121.00	104	Feb 93
8550	USGS25-Ammonium Sulfate	0.5 g	121.00	104	Feb 93
8551	USGS26-Ammonium Sulfate	0.5 g	121.00	104	Feb 93
8552	NSVEC-Gaseous Nitrogen	300 $\mu$ mol	121.00	104	Feb 93
8553	Soufre De Lacq-Elemental Sulfur	0.5 g	121.00	104	Jun 92
8554	NZ1-Silver Sulfide	0.5 g	121.00	104	Jun 92
8555	NZ2-Silver Sulfide	0.5 g	121.00	104	Jun 92
8556	NBS123-Sphalerite	1.5 g	121.00	104	Jun 92
8557	NBS127-Barium Sulfate	0.5 g	121.00	104	Jun 92
8558	USGS32-Potassium Nitrate	0.5 g	121.00	104	Feb 93
8570	Calcined Kaolin (Sur. Area)	25 g	92.00	301	Sep 94
8571	Alumina (Sur. Area)	25 g	92.00	301	Sep 94
8572	Silica (Sur. Area)	25 g	92.00	301	Sep 94
8590	High Sulfur Gas Oil Feed	1 Qt.	92.00	114	N/A
8601	Chinese Copper Ore	100 g	297.00	111	Jun 92
8603	Chinese Lead Ore	100 g	297.00	111	Jun 92
8604	Chinese Zinc Ore	100 g	297.00	111	Jun 92
8605	Chinese Molybdenum Ore	100 g	297.00	111	Jun 92
8606	Chinese Molybdenum Ore	100 g	297.00	111	Jun 92
8607	Chinese Tungsten Ore	100 g	297.00	111	Jun 92
8608	Chinese Tungsten Ore	100 g	297.00	111	Jun 92
8680	Paint on Fiberboard	each	202.00	105	Jan 97
GM 754	ICTA Polystyrene DTA	10 g	121.00	203	Jun 71
8759	ICTA Set DTA	set (5)	175.00	203	Jun 71
8760	ICTA Set DTA	set (5)	175.00	203	Jun 71
RM5	Cu Low Temp (Heat Capacity)	each	128.00	203	Mar 92



**KEY**

N/A Certificate does not exist.

FC A new certificate is issued with each new batch prepared. Call for pricing and availability.

In Prep New or Renewal SRM being prepared

\* Shipping charges will be added to these prices. These items are also designated as perishable items and are NOT returnable.

[ Bracketed SRMs must be purchased as a set (admixture) to achieve the certified value.  
]

◆ SRMs that are marked "†" are also available as NTRMs from commercial suppliers (list available upon request).

*Italicized items are new or renewal SRMs since the last 1997 Price List.*

**1998 Standard Reference Materials Exhibits**

<b>Date</b>	<b>Meeting</b>	<b>City</b>
February 5-6	Measurement Science	Pasadena, CA
March 1-6	PITTCON	New Orleans, LA
March 30-April 1	ACS (American Chemical Society)	Dallas, TX
April 20-24	Quality Expo	Chicago, IL
June 13-17	IFT (International Food Technologist)	Atlanta, GA
August 2-6	AACC (American Association of Clinical Chemists)	Chicago, IL
August 24-26	ACS (American Chemical Society)	Boston, MA
Sept 13-17	AOAC	Montreal, Canada
November 16-19	EAS (Eastern Analytical Symposium)	Somerset, NJ

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*Technology Administration*

National Institute of Standards and Technology

Standard Reference Materials Program

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