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NBS TECHNICAL NOTE 467

Part 1

Addendum 1
(Issued December 1969)

Activation Analysis: A Bibliography

U.S.
DEPARTMENT
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PUBLICATION



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UNITED STATES DEPARTMENT OF COMMERCE
Maurice H. Stans, Secretary
NATIONAL BUREAU OF STANDARDS • Lewis M. Branscomb, Director



TECHNICAL NOTE 467

Part 1

Addendum 1

ACTIVATION ANALYSIS: A BIBLIOGRAPHY (Part 1, Addendum 1—Issued December 1969)

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Washington, D.C. 20234

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NOTICE

The attached material updates NBS Technical Note 467, Activation Analysis: A Bibliography, published from the NBS Activation Analysis Information Center, September 1968. The format remains the same; thus, these pages are to be added to Part 1 issued September 1968. Part 2, of the first edition should be discarded and replaced in its entirety by the attached new edition of the four appendices.

Please note that the compilers have made several additions and changes in the subject indices to make them more definitive.

Appendix III, Matrix Analyzed: Biological, "in vivo" is added.

Appendix IV, Technique Used: Derivative activation analysis; and, Separation of similar organic compounds with paper chromatography before irradiation are added.

Appendix IV, Technique Used: Isotope sources is now separated into two groups 1) Isotope neutron sources - plutonium and lighter elements and 2) Isotope neutron sources - transplutonium elements.

Neutron counting is divided into 1) Prompt neutron counting and 2) Delayed neutron counting.

ACTIVATION ANALYSIS - A BIBLIOGRAPHY

(Part 1 - Addendum 1)

Edited by

G. J. Lutz, R. J. Boreni, R. S. Maddock and W. W. Meinke

ABSTRACT

References to activation analysis in the open literature are published from a computer readout. With this addendum the first part of the two-part series contains more than 4,000 references numbered according to their accession to the system. The second part contains an author index and three additional indexes for Element Determined, Matrix Analyzed, and Technique Used. Part 2 is superseded by revision 1 to include the cross references to the accessions listed in part 1.

Key words: Activation analysis, bibliography, element determined, literature file, matrix analyzed, technique used.

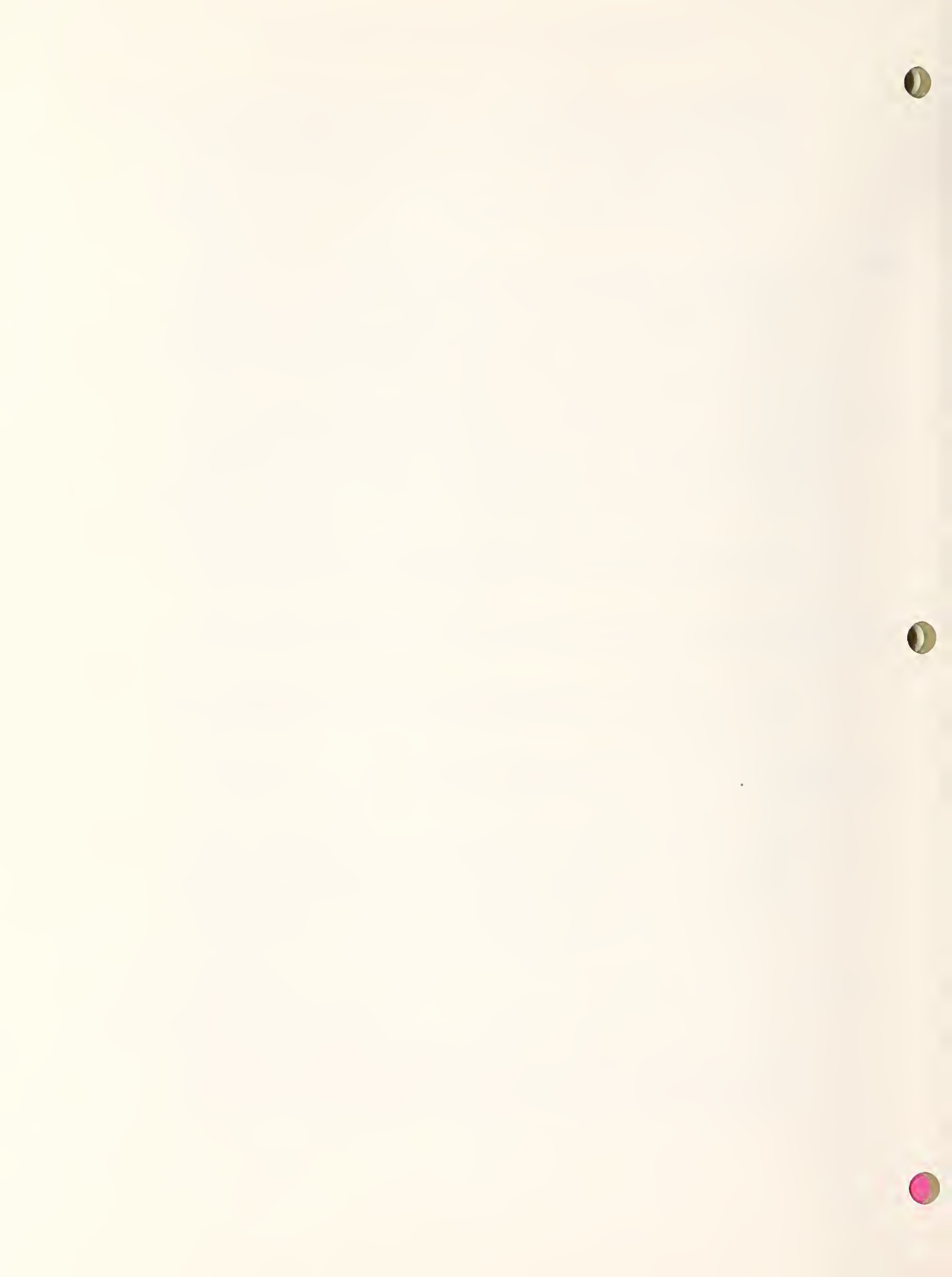
ERRATA

Please note the following corrections to NBS Technical Note 467, Part 1, issued September 1968.

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