

Certificate of Analysis

STANDARD REFERENCE MATERIAL 143b

Cystine

This standard was purified at the National Bureau of Standards for use in checking microdeterminations of carbon, hydrogen, sulfur, and nitrogen. Micro-analytical determinations yielded values that check the theoretical composition within the limits of experimental error. It is recommended that the theoretical percentages be used, namely:

Carbon	29.99
Hydrogen	5.08
Sulfur	26.69
Nitrogen	11.66

The cystine was obtained from the Distillation Products Industries of Rochester, N. Y. The purification and sizing were accomplished by D. Enagonio. Micro-analyses were performed by R. A. Paulson and R. J. Hall, all of the Analytical Chemistry Division, Institute for Materials Research.

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J. Paul Cali, Acting Chief
Office of Standard Reference Materials