

Alpha Resources, Inc.

Certificate Of Analysis

AEB-2041

Isatin OAS

LOT # 44055

General

This Organic Analytical Standard (OAS) consists of purified Isatin for use as a routine working microanalytical standard for the determination of carbon, hydrogen, nitrogen, and oxygen.

Carbon, Hydrogen, and Nitrogen

The values for Carbon, Hydrogen, and Nitrogen were checked using a commercial carbon, hydrogen, nitrogen analyzer against Acetanilide Standard Reference Material 141c Batch No 88080 from the National Institute of Standards and Technology (NIST), Maryland, USA. No deviation from the theoretical values was detected within the limits of experimental error. It is recommended that the theoretical percentages by weight be used:

Carbon	=	65.30%
Hydrogen	=	3.43%
Nitrogen	=	9.52%

Oxygen

The values for oxygen was checked using a commercial oxygen analyzer against Cystine Standard Reference Material 143c Batch No 193010 from the National Institute of Standards and Technology (NIST), Maryland, USA. No deviation from the theoretical value was detected within the limits of experimental error. It is recommended that the theoretical percentages by weight be used:

Oxygen	=	21.75%
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Remedies for any claimed defect in this product will be limited to product replacement or refund of the purchase price. In no event shall Alpha Resources be liable for incidental or consequential damages.

Prepared by D.M. Reasons
Director of Quality Assurance



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