

Certificate of Analysis

Date of Testing: 2023-02-10 21:43:53

Date of Next Testing: 2027-02-09 21:43:53

Product Name: **Isatin**

CAS Number: 91-56-5

Specifications & Purity: 98%

Lot #: B2308994

SKU #: **I104665**

Analysis: **043044**

Storage Temperature: Desiccated

Parameter	Limit Values	Result
Carbon by Elemental Analysis	63.7-66.9 (%)	65.49 %
Melting point	200-204 (°C)	201.78000 °C
Purity(Neutralization titration)	97.5-102.5 (%)	99.50 %
Nitrogen by Elemental Analysis	9.2-9.8 (%)	9.80 %
Purity(HPLC)	98-100 (%)	98.62200 %
Appearance (I104665)	orange crystals or powder	orange crystals or powder
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility in hot EtOH(95vol%)	almost transparency	almost transparency



John Su
QA & QC Manager