

Certificate of Analysis

Date of Testing: 2024-11-15 16:00:06
Date of Next Testing: 2028-11-14 16:00:06
Product Name: **Isatin**
CAS Number: 91-56-5
Specifications & Purity: $\geq 98\%$
Lot #: A2119237
SKU #: **I104665**
Version: **1**
Analysis #: **437443**
Storage Temperature: Desiccated

Parameter	Limit Values	Result
Carbon by Elemental Analysis	63.7-66.9 (%)	65.20 %
Melting point	200-204 (°C)	203.60000 °C
Purity(Neutralization titration)	97.5-102.5 (%)	98.10 %
Nitrogen by Elemental Analysis	9.2-9.8 (%)	9.50 %
Purity(HPLC)	98-100 (%)	98.10000 %
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