

## Certificate of Analysis

Date of Testing: 2022-09-09 14:52:56  
Date of Next Testing: 2026-09-08 14:52:56  
Product Name: **Isatin**  
CAS Number: 91-56-5  
Specifications & Purity: 98%  
Lot #: I2203305  
SKU #: **I104665**  
**Analysis:** **109733**  
Storage Temperature: Desiccated

Parameter	Limit Values	Result
Carbon by Elemental Analysis	63.7-66.9 (%)	64.69 %
Melting point	200-204 (°C)	200.53000 °C
Purity(Neutralization titration)	97.5-102.5 (%)	101.30 %
Nitrogen by Elemental Analysis	9.2-9.8 (%)	9.23 %
Purity(HPLC)	98-100 (%)	98.52400 %
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