

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-05-14 15:51:21

Date of Next Testing: 2029-05-13 15:51:21

Product Name: **Isatin(NSC 9262)**

CAS Number: 91-56-5

Specifications & Purity: Moligand™, ≥98%

Lot #: E2509333

SKU # **I104665**

Version **1**

**Analysis #:** **379900**

Storage Temperature: Room temperature, Desiccated

| Parameter                        | Limit Values              | Result                    |
|----------------------------------|---------------------------|---------------------------|
| Carbon by Elemental Analysis     | 63.7-66.9 (%)             | 65.10000 %                |
| Melting point                    | 200-204 (°C)              | 203.30000 °C              |
| Purity(Neutralization titration) | 97.5-102.5 (%)            | 98.00000 %                |
| Nitrogen by Elemental Analysis   | 9.2-9.8 (%)               | 9.60000 %                 |
| Purity(HPLC)                     | 98-100 (%)                | 98.00000 %                |
| Proton NMR spectrum              | Conforms to Structure     | Conforms to Structure     |
| Appearance (I104665)             | orange crystals or powder | orange crystals or powder |
| Solubility in hot EtOH(95vol%)   | almost transparency       | almost transparency       |



John Su  
QA & QC Manager