

Certificate of Analysis

Date of Testing: 2023-02-12 11:59:37

Date of Next Testing: 2027-02-11 11:59:37

Product Name: **Isatin**

CAS Number: 91-56-5

Specifications & Purity: 98%

Lot #: B2308085

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 |



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