

## Certificate of Analysis

Date of Testing: 2023-02-08 16:00:56

Date of Next Testing: 2025-01-28 16:00:56

Product Name: **Orcinol monohydrate**

CAS Number: 6153-39-5

Specifications & Purity: 98%

Lot #: D2129088

SKU #: **O100406**

**Analysis:** **184850**

Storage Temperature: Argon charged

| Parameter                                                                       | Limit Values                                         | Result                                               |
|---------------------------------------------------------------------------------|------------------------------------------------------|------------------------------------------------------|
| Melting point                                                                   | 56-61 (°C)                                           | 58.30000 °C                                          |
| Purity(GC)                                                                      | 98-100 (%)                                           | 98.60 %                                              |
| Water by Karl Fischer                                                           | 10-14 (%)                                            | 12.10 %                                              |
| Appearance (O100406)                                                            | White, Yellow to Brown to Faint Red Powder, Crystals | White, Yellow to Brown to Faint Red Powder, Crystals |
| Proton NMR spectrum                                                             | Conforms to Structure                                | Conforms to Structure                                |
| Solubility in H <sub>2</sub> O , Colorless to Light Brown, Clear, 200 mg + 4 ml | pass                                                 | Pass                                                 |



John Su  
QA & QC Manager