

## Certificate of Analysis

Date of Testing: 2025-06-05 13:46:31

Date of Next Testing: 2027-05-26 13:46:31

Product Name: **Orcinol monohydrate**

CAS Number: 6153-39-5

Specifications & Purity:  $\geq 98\%$

Lot #: H2307314

SKU #: **O100406**

Version: **0**

Analysis #: **513915**

Storage Temperature: Argon charged

| Parameter                                                                      | Limit Values                                         | Result                                               |
|--------------------------------------------------------------------------------|------------------------------------------------------|------------------------------------------------------|
| Melting point                                                                  | 56-61 (°C)                                           | 56.20000 °C                                          |
| Purity(GC)                                                                     | 98-100 (%)                                           | 99.80 %                                              |
| Water by Karl Fischer                                                          | 10-14 (%)                                            | 13.98 %                                              |
| Appearance (O100406)                                                           | White, Yellow to Brown to Faint Red Powder, Crystals | White, Yellow to Brown to Faint Red Powder, Crystals |
| Solubility in H <sub>2</sub> O, Colorless to Light Brown, Clear, 200 mg + 4 ml | pass                                                 | Pass                                                 |
| Proton NMR spectrum                                                            | Conforms to Structure                                | Conforms to Structure                                |



John Su  
QA & QC Manager