

## Certificate of Analysis

Date of Testing: 2022-04-24 14:28:05

Date of Next Testing: 2026-04-23 14:28:05

Product Name: **DL-4-Hydroxy-3-methoxymandelic acid**

CAS Number: 55-10-7

Specifications & Purity: Moligand™, ≥98%

Lot #: C2226084

SKU #: **H113502**

Version: **1**

Analysis #: **087335**

Storage Temperature: Store at 2-8°C, Argon charged

| Parameter                                                                 | Limit Values                                     | Result                                           |
|---------------------------------------------------------------------------|--------------------------------------------------|--------------------------------------------------|
| Purity(Neutralization titration)                                          | 97.5-102.5 (%)                                   | 100.10 %                                         |
| Purity(HPLC)                                                              | 98-100 (%)                                       | 98.41900 %                                       |
| Appearance (H113502)                                                      | White to yellow to Gray to Red powder to crystal | White to yellow to Gray to Red powder to crystal |
| Infrared spectrum                                                         | Conforms to Structure                            | Conforms to Structure                            |
| Proton NMR spectrum                                                       | Conforms to Structure                            | Conforms to Structure                            |
| Solubility, Colorless to faint yellow, clear (50 mg/mL, H <sub>2</sub> O) | pass                                             | Pass                                             |



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