

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-05-09 17:14:48

Date of Next Testing: 2029-05-08 17:14:48

Product Name: **Levamisol hydrochloride**

CAS Number: 16595-80-5

Specifications & Purity:  $\geq 99\%$

Lot #: E2508043

SKU #: **L118865**

Version: **0**

Analysis #: **104178**

| Parameter                                                                                         | Limit Values                 | Result                       |
|---------------------------------------------------------------------------------------------------|------------------------------|------------------------------|
| Melting point                                                                                     | 226-234 (°C)                 | 232.08000 °C                 |
| Purity(HPLC)                                                                                      | 99-100 (%)                   | 99.13000 %                   |
| Purity(Nonaqueous Titration)                                                                      | 99-100.5 (%)                 | 99.35 %                      |
| Specific Rotation $[\alpha]_{20/D}(c=1 \text{ in H}_2\text{O})$                                   | -130--122 (°)                | -129.86 °                    |
| Appearance (L118865)                                                                              | white powder                 | White powder                 |
| alkaline phosphatase                                                                              | inhibition test to pass test | inhibition test to pass test |
| Infrared spectrum                                                                                 | Conforms to Structure        | Conforms to Structure        |
| Solubility in H <sub>2</sub> O , Colorless to Faint Yellow Clear ,50 mg/mL, H <sub>2</sub> O pass |                              | Pass                         |



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QA & QC Manager