

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-07-31 15:33:20

Date of Next Testing: 2027-07-31 15:33:20

Product Name: **Lidocaine**

CAS Number: 137-58-6

Specifications & Purity: Moligand™, ≥99%

Lot #: G2528339

SKU #: **L129221**

Version: **2**

Analysis #: **539896**

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

| Parameter                                                                 | Limit Values                                                | Result                                                      |
|---------------------------------------------------------------------------|-------------------------------------------------------------|-------------------------------------------------------------|
| Melting point                                                             | 66-70 (°C)                                                  | 68.59000 °C                                                 |
| Purity(HPLC)                                                              | 99-100 (%)                                                  | 99.51800 %                                                  |
| Purity(Nonaqueous Titration)                                              | 98.5-101.5 (%)                                              | 99.81000 %                                                  |
| Appearance (L129221)                                                      | White to Almost white powder to crystal to crystal particle | White to Almost white powder to crystal to crystal particle |
| Solubility in EtOH , Colorless to Yellow, Clear to Slightly Hazy, 50mg/ml | pass                                                        | Pass                                                        |
| Proton NMR spectrum                                                       | Conforms to Structure                                       | Conforms to Structure                                       |



John Su  
QA & QC Manager