

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

# Certificate of Analysis

Date of Testing: 2025-07-15 09:57:53

Date of Next Testing: 2027-07-15 09:57:53

Product Name: **Ropivacaine hydrochloride monohydrate**

CAS Number: 132112-35-7

Specifications & Purity:  $\geq 98\%$ (HPLC)

Lot #: G2508106

SKU #: **R131964**

Version: **0**

Analysis #: **544125**

Storage Temperature: Store at 2-8°C

| Parameter                                                           | Limit Values                             | Result                                   |
|---------------------------------------------------------------------|------------------------------------------|------------------------------------------|
| Purity(HPLC)                                                        | 98-100 (%)                               | 98.84100 %                               |
| Specific Rotation $[\alpha]_{20/D}(c=1 \text{ in MeOH})$ -12--9 (°) |                                          | -11.50100 °                              |
| Appearance (R131964)                                                | White or light yellow crystalline powder | White or light yellow crystalline powder |
| Proton NMR spectrum                                                 | Conforms to Structure                    | Conforms to Structure                    |



John Su  
QA & QC Manager