

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

# Certificate of Analysis

Date of Testing: 2026-08-13 17:18:45

Date of Next Testing: 2029-08-12 17:18:45

Product Name: **1,3-Bis((R)-1-(naphthalen-1-yl)ethyl)-1H-imidazol-3-ium chloride**

CAS Number: 186354-48-3

Specifications & Purity:  $\geq 97\%$

Lot #: J2313189

SKU # **B587829**

Version **1**

Analysis #: **742331**

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

| Parameter           | Limit Values          | Result                |
|---------------------|-----------------------|-----------------------|
| Purity(HPLC area)   | 97-100 (%)            | 100.00000 %           |
| Enantiomeric Excess | 98-100 (%)            | 99.50000 %            |
| NMR Spectrum 1H     | Conforms to structure | Conforms to Structure |



John Su  
QA & QC Manager