

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-11-05 11:50:02

Date of Next Testing: 2028-11-04 11:50:02

Product Name: **Benzyl dimethyl tetradecyl ammonium-d7 chloride**

CAS Number: 1219178-72-9

Specifications & Purity:  $\geq 95$  atom% D,  $\geq 95\%$

Lot #: K2504221

SKU #: **B1455431**

Version: **1**

Analysis #: **597484**

Storage Temperature: Store at 2-8°C, Desiccated

| Parameter                  | Limit Values             | Result                   |
|----------------------------|--------------------------|--------------------------|
| Isotopic purity (Atom % D) | 95-100 (%)               | 99.98600 %               |
| Purity(HPLC)               | 95-100 (%)               | 96.18000 %               |
| LC-MS for identification   | Conforms                 | Conforms                 |
| Proton NMR spectrum        | Conforms to Structure    | Conforms to Structure    |
| Appearance(B1455431)       | White to Off-White Solid | White to off-white solid |



John Su  
QA & QC Manager