

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

# Certificate of Analysis

Date of Testing: 2025-05-15 16:28:07

Date of Next Testing: 2027-05-05 16:28:07

Product Name: **3-Bromopropyltrimethylammonium bromide**

CAS Number: 3779-42-8

Specifications & Purity:  $\geq 99\%$

Lot #: E2509074

SKU #: **B110907**

Version: **0**

Analysis #: **430476**

Storage Temperature: Room temperature

| Parameter                               | Limit Values                                       | Result                                             |
|-----------------------------------------|----------------------------------------------------|----------------------------------------------------|
| Heavy metal (as Pb)                     | 0-3 (ppm)                                          | 1.01000 ppm                                        |
| Water by Karl Fischer                   | 0-0.5 (%)                                          | 0.00200 %                                          |
| Ignition Residue (as sulfate)           | 0-0.1 (%)                                          | 0.00200 %                                          |
| Purity(Titration by AgNO <sub>3</sub> ) | 98.5-102.5 (%)                                     | 102.42000 %                                        |
| Appearance (B110907)                    | white to off-white powder,crystals,flakes or chunk | white to off-white powder,crystals,flakes or chunk |
| Proton NMR spectrum                     | Conforms to Structure                              | Conforms to Structure                              |
| Solubility(5%,H <sub>2</sub> O)         | Colorless transparent                              | Colorless transparent                              |
| Infrared spectrum                       | Conforms to Structure                              | Conforms to Structure                              |



John Su  
QA & QC Manager