

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-07-28 14:38:50

Date of Next Testing: 2027-07-18 14:38:50

Product Name: **Tetrakis(decyl)ammonium bromide (TDAB)**

CAS Number: 14937-42-9

Specifications & Purity: for ion pair chromatography, ≥99%

Lot #: G2524518

SKU #: **T120741**

Version: **1**

Analysis #: **549219**

Storage Temperature: Room temperature, Argon charged, Cool

Parameter	Limit Values	Result
Melting point	87-90 (°C)	89.40000 °C
Purity (Argentmetric Titration)	99-100 (%)	99.20000 %
UV Absorbance 230nm	0-0.05	0.01000
UV Absorbance 254nm	0-0.04	0.00400
UV Absorbance 400nm	0-0.01	0.00000
Appearance (T120741)	White to faint beige powder, crystals or fibers	White to faint beige powder, crystals or fibers
Infrared spectrum	Conforms to Structure	Conforms to Structure
Suitability, corresponds to standard for filter test	corresponds to standard for filter test	corresponds to standard for filter test
λ, 10% in methanol	Pass	Pass



John Su
QA & QC Manager