

## Certificate of Analysis

Date of Testing: 2025-03-21 16:32:57  
Date of Next Testing: 2027-03-11 16:32:57  
Product Name: **Tetrakis(decyl)ammonium bromide (TDAB)**  
CAS Number: 14937-42-9  
Specifications & Purity: for ion pair chromatography, ≥99%  
Lot #: C2519682  
SKU #: **T120741**  
Version: **1**  
Analysis #: **486774**  
Storage Temperature: Argon charged

Parameter	Limit Values	Result
Melting point	87-90 (°C)	89.40000 °C
Purity (Argentmetric Titration)	99-100 (%)	99.80 %
UV Absorbance 230nm	0-0.05	0.01
UV Absorbance 254nm	0-0.04	0.00
UV Absorbance 400nm	0-0.01	0.00
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