

## Certificate of Analysis

Date of Testing: 2024-09-11 17:46:35  
Date of Next Testing: 2026-09-11 17:46:35  
Product Name: **Tetra-n-octylphosphonium Bromide**  
CAS Number: 23906-97-0  
Specifications & Purity: >98.0%(T)  
Lot #: I2410265  
SKU #: **T162754**  
Version: **0**  
Analysis #: **410653**  
Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Purity(Titration by AgNO <sub>3</sub> )	97.5-102.5 (%)	98.31 %
Melting point	42-46 (°C)	43.50000 °C
Appearance (T162754)	white to almost white solid	white to almost white solid
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager