

## Certificate of Analysis

Date of Testing: 2023-09-21 15:34:50  
Date of Next Testing: 2025-09-10 15:34:50  
Product Name: **Tetramethylammonium bromide**  
CAS Number: 64-20-0  
Specifications & Purity: Ion pair chromatography grade,  $\geq 99.0\%$  (AT)  
Lot #: L2122430  
SKU #: **T118435**  
**Analysis:** **279649**  
Storage Temperature: Desiccated

Parameter	Limit Values	Result
UV Absorbance 260nm	0-0.02	0.02
UV Absorbance 250nm	0-0.03	0.02
UV Absorbance 240nm	0-0.06	0.05
Purity(Titration by AgNO <sub>3</sub> )	99-100 (%)	99.12 %
UV Absorbance 500nm	0-0.02	0.01
Appearance (T118435)	White Powder or Crystals	White Powder or Crystals
Filtration test	corresponds to standard	corresponds to standard
Infrared spectrum	Conforms to Structure	Conforms to Structure
Solubility in H <sub>2</sub> O	Almost transparency	almost transparency
$\lambda$ ,10% in H <sub>2</sub> O	Pass	Pass



John Su  
QA & QC Manager