

Certificate of Analysis

Date of Testing: 2023-09-21 15:21:17
Date of Next Testing: 2025-09-10 15:21:17
Product Name: **Tetrabutylammonium iodide**
CAS Number: 311-28-4
Specifications & Purity: for ion-pair chromatography
Lot #: L2122093
SKU #: **T103715**
Analysis: **279627**
Storage Temperature: Protected from light, Desiccated

Parameter	Limit Values	Result
Purity (Argentmetric Titration)	99-100 (%)	99.80 %
Melting point	141-149 (°C)	146.00000 °C
UV Absorbance 300nm (10 % in acetonitrile)	0-0.05	0.02500
UV Absorbance 500nm (10 % in acetonitrile)	0-0.02	0.01100
UV Absorbance 320nm (10 % in acetonitrile)	0-0.02	0.01300
UV Absorbance 290nm (10 % in acetonitrile)	0-0.1	0.05400
Appearance (T103715)	Colorless or White Powder or Crystals	Colorless or White Powder or Crystals
NMR Spectrum 1H	Conforms to Structure	Conforms to Structure
residue (filter test)(3 g in 30 ml acetonitrile)	No residue	no residue



John Su
QA & QC Manager