

Certificate of Analysis

Date of Testing: 2023-06-16 18:44:51
Date of Next Testing: 2025-06-05 18:44:51
Product Name: **Tetrabutylammonium iodide**
CAS Number: 311-28-4
Specifications & Purity: for ion-pair chromatography
Lot #: F2309841
SKU #: **T103715**
Analysis: **242870**
Storage Temperature: Protected from light, Desiccated

Parameter	Limit Values	Result
Purity (Argentmetric Titration)	99-100 (%)	99.40 %
Melting point	141-149 (°C)	147.00000 °C
UV Absorbance 300nm (10 % in acetonitrile)	0-0.05	0.02000
UV Absorbance 500nm (10 % in acetonitrile)	0-0.02	0.02000
UV Absorbance 320nm (10 % in acetonitrile)	0-0.02	0.01000
UV Absorbance 290nm (10 % in acetonitrile)	0-0.1	0.06000
Appearance (T103715)	Colorless or White Powder or Crystals	Colorless or White Powder or Crystals
NMR Spectrum 1H residue (filter test)(3 g in 30 ml acetonitrile)	Conforms to Structure No residue	Conforms to Structure no residue



John Su
QA & QC Manager