

Certificate of Analysis

Date of Testing: 2024-09-12 18:39:37
Date of Next Testing: 2026-09-12 18:39:37
Product Name: **hexadecyltrimethylammonium toluene-p-sulphonate**
CAS Number: 138-32-9
Specifications & Purity: $\geq 98\%$
Lot #: K2228225
SKU #: H132767
Version: 0
Analysis #: 410687

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	98.82000 %
Carbon by Elemental Analysis	66.8-70.2 (%)	67.30 %
Nitrogen by Elemental Analysis	2.6-3.5 (%)	2.93 %
Appearance (H132767)	white to off-white powder, crystals and/or chunks	white to off-white powder, crystals and/or chunks
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility in H ₂ O , Colorless,Clear to Very Slightly Hazy,50 mg/ml	pass	Pass



John Su
QA & QC Manager