

Certificate of Analysis

Date of Testing: 2025-06-28 13:36:32

Date of Next Testing: 2027-06-28 13:36:32

Product Name: **hexadecyltrimethylammonium toluene-p-sulphonate**

CAS Number: 138-32-9

Specifications & Purity: $\geq 98\%$

Lot #: F2524561

SKU #: **H132767**

Version **0**

Analysis #: **528361**

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	99.67000 %
Carbon by Elemental Analysis	66.8-70.2 (%)	69.05 %
Nitrogen by Elemental Analysis	2.6-3.5 (%)	3.19 %
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