

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 #: K2228215
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 |



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