

Certificate of Analysis

Date of Testing: 2022-03-04 14:56:35
Date of Next Testing: 2026-03-03 14:56:35
Product Name: **3-[(3-Cholamidopropyl)dimethylammonio]-1-propanesulfate (CHAPS)**
CAS Number: 75621-03-3
Specifications & Purity: Ultra Pure Grade
Lot #: C2202010
SKU #: **C274335**
Analysis: 071340
Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	99.80800 %
Conductivity (10%, Water)	< 50 ($\mu\text{mhos/cm}$)	1.80000 $\mu\text{mhos/cm}$
PH(10% in water 25°C)	5-7	6.00
Residue on Ignition	<0.1 (%)	0.04500 %
Appearance(C274335)	White crystalline powder	white crystalline powder
Proton NMR spectrum	Conforms to structure	Conforms to Structure
Solubility(20%,Water)	Pass	Pass
proteases	none detected	none detected
DNases	none detected	none detected
RNases	none detected	none detected



John Su
QA & QC Manager