

Certificate of Analysis

Date of Testing: 2024-12-05 14:05:10

Date of Next Testing: 2026-12-05 14:05:10

Product Name: **3-(Benzyldimethylammonio)propanesulfonate**

CAS Number: 81239-45-4

Specifications & Purity: $\geq 99\%$

Lot #: H1517018

SKU #: **D136781**

Version: **0**

Analysis #: **443686**

Parameter	Limit Values	Result
Calcium(Ca)	0-10 (ppm)	0.00 ppm
Nickel(ICP)	0-5 (ppm)	0.00 ppm
Potassium(K)(ICP)	0-50 (ppm)	0.00 ppm
Copper(ICP)	0-5 (ppm)	0.00 ppm
Sulfate(SO ₄ ²⁻)	0-50 (ppm)	0.00 ppm
Magnesium(Mg)	0-5 (ppm)	0.00 ppm
Chloride (Cl ⁻)	0-50 (ppm)	0.00 ppm
Cobalt(ICP)	0-5 (ppm)	0.00 ppm
Sodium(ICP)	0-50 (ppm)	0.00 ppm
Chromium (ICP)	0-5 (ppm)	2.17 ppm
Purity(HPLC)	98-100 (%)	98.98000 %
Manganese(ICP)	0-5 (μg/g)	0.00 μg/g
lead by ICP-atomic emission	0-5 (ppm)	0.00 ppm
Cadmium(Cd)	0-5 (ppm)	0.00 ppm
Zinc(ICP)	0-5 (ppm)	0.00 ppm
Melting point	245-250 (°C)	245.00000 °C
Iron(ICP)	0-5 (ppm)	2.57 ppm
Appearance (D136781)	colorless or white solid	colorless or white solid
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility in H ₂ O , Colorless Clear(10 mg/ml)	pass	Pass



ALADDIN SCIENTIFIC CORPORATION

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A handwritten signature in black ink that reads "John Su".

John Su
QA & QC Manager