

Certificate of Analysis

Date of Testing: 2022-09-29 18:31:28

Date of Next Testing: 2025-09-28 18:31:28

Product Name: **dodecylbis(2-hydroxyethyl)methylammonium chloride**

CAS Number: 22340-01-8

Specifications & Purity: 70% (containing 30% methanol and water)

Lot #: I2222809

SKU # **D303107**

Analysis: **130405**

Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Water by Karl Fischer	≤15 (%)	13.71 %
Heavy metal (as Pb)	0-0.005 (%)	0.00 %
Free amine content	0-0.5 (%)	0.45000 %
Organic residue	0-0.5 (%)	0.48000 %
Quaternary ammonium salt content	70-102.5 (%)	79.21000 %



John Su
QA & QC Manager