

Certificate of Analysis

Date of Testing: 2023-11-16 14:53:44

Date of Next Testing: 2026-11-15 14:53:44

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

CAS Number: 22340-01-8

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

Lot #: K2310457

SKU #: **D303107**

Analysis: **131046**

Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Water by Karl Fischer	≤15 (%)	8.67 %
Heavy metal (as Pb)	0-0.005 (%)	0.00 %
Free amine content	0-0.5 (%)	0.40000 %
Organic residue	0-0.5 (%)	0.20000 %
Quaternary ammonium salt content	70-102.5 (%)	76.73000 %



John Su
QA & QC Manager