

Certificate of Analysis

Date of Testing: 2025-07-17 09:47:28

Date of Next Testing: 2028-07-16 09:47:28

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

CAS Number: 22340-01-8

Specifications & Purity: $\geq 70\%$, containing 30% methanol and water

Lot #: I2222805

SKU # **D303107**

Version **2**

Analysis #: **541325**

Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Water by Karl Fischer	$\leq 15(\%)$	13.70 %
Heavy metal (as Pb)	0-0.005 (%)	0.00 %
Free amine content	0-0.5 (%)	0.40000 %
Organic residue	0-0.5 (%)	0.40000 %
Quaternary ammonium salt content	70-102.5 (%)	79.20000 %



John Su
QA & QC Manager