

## Certificate of Analysis

Date of Testing: 2024-08-01 09:29:50  
Date of Next Testing: 2028-07-31 09:29:50  
Product Name: **(3-Chloro-2-hydroxypropyl)trimethylammonium Chloride**  
CAS Number: 3327-22-8  
Specifications & Purity: 60 wt. % in H<sub>2</sub>O  
Lot #: G2430458  
SKU #: **C120679**  
Version: **1**  
Analysis #: **395045**

Parameter	Limit Values	Result
Water by Karl Fischer	30-40 (%)	39.81%
PH(5% in water,25°C)	4.8-6.4	5.40
Concentration(Titration AgNO <sub>3</sub> )	58-70 (%)	62.30%
Appearance (C120679)	Colorless liquid	Colorless liquid
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager