

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2022-03-15 13:49:09  
Date of Next Testing: 2026-03-14 13:49:09  
Product Name: **(3-Chloro-2-hydroxypropyl)trimethylammonium Chloride**  
CAS Number: 3327-22-8  
Specifications & Purity: 60 wt. % in H<sub>2</sub>O  
Lot #: C2211368  
SKU #: **C120679**  
Analysis: **055756**

Parameter	Limit Values	Result
PH(5% in water,25°C)	4.8-6.4	5.67
Concentration(Titration AgNO <sub>3</sub> )	58-70 (%)	69.92 %
Water by Karl Fischer	30-40 (%)	30.08 %
Appearance (C120679)	Colorless liquid	Colorless liquid
Infrared spectrum	Conforms to Structure	Conforms to Structure
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager