

## Certificate of Analysis

Date of Testing: 2023-11-06 16:51:13  
Date of Next Testing: 2025-10-26 16:51:13  
Product Name: [2-(Methacryloyloxy)ethyl]trimethylammonium chloride solution  
CAS Number: 5039-78-1  
Specifications & Purity: 75 wt. % in H<sub>2</sub>O, contains 600 ppm MEHQ as inhibitor  
Lot #: B2209464  
SKU #: M102201  
Version: 0  
Analysis #: 292551

Parameter	Limit Values	Result
Density (20°C)	1.105-1.117	1.11
Purity(Titration by AgNO <sub>3</sub> )	75-80 (%)	78.50%
Appearance (M102201)	Colorless Liquid	Colorless liquid
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Stability (600 ppm monomethyl ether hydroquinone (MEHQ))	Conforms	Conforms



John Su  
QA & QC Manager