

Certificate of Analysis

Date of Testing: 2024-05-11 09:50:29
Date of Next Testing: 2026-05-01 09:50:29
Product Name: [2-(Methacryloyloxy)ethyl]trimethylammonium chloride solution
CAS Number: 5039-78-1
Specifications & Purity: 75 wt. % in H₂O, contains 600 ppm MEHQ as inhibitor
Lot #: J2013144
SKU #: M102201
Analysis: 356375

Parameter	Limit Values	Result
Density (20°C)	1.105-1.117	1.11
Purity(Titration by AgNO ₃)	75-80 (%)	77.80%
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