



NEWAY SINOPHC TECH. LIMITED

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Certificate of Analysis (COA)

Product Information

Product Name Allyltrimethylammonium Chloride
Product Number: ATMAC-20260225
Batch Number ATMAC-SH2026022501
Brand SIGALD
CAS Number 1516-27-4
MDL Number MFCD00011771
Formula C₆ H₁₄NCl
Formula Weight 135.64 g/mol

Quality Release Date 25 FEB 2026

Test	Specification (Industry Standard)	Result	Unit	Test Method
Appearance (Color)	Colorless to pale yellow	Colorless	-	Visual Inspection
Appearance (Form)	Liquid (60% aqueous solution)	Liquid	-	Visual Inspection
Purity (C ₆ H ₁₄ NCl)	≥ 60.0%	62.3%	%	Titration Method
Water Content	38.0-40.0%	39.1%	%	Karl Fischer Titration
pH Value (25°C)	6.0-8.0	7.3	-	Digital pH Meter
Heavy Metals (Pb)	≤ 5 ppm	1.2 ppm	ppm	Atomic Absorption Spectrometry (AAS)
Iron (Fe)	≤ 3 ppm	0.8 ppm	ppm	Spectrophotometry
Chloride (Cl ⁻)	24.0-26.0%	25.2%	%	Silver Nitrate Titration
Viscosity (25°C)	10-50 mPa·s	28 mPa·s	mPa·s	Brookfield Viscometer

Certification This batch of product has been tested in accordance with industrial standards for allyltrimethylammonium chloride and meets all specified requirements. It is qualified for use.

Issue Date: 25 FEB 2026