CERTIFICATE OF ANALYSIS

BETAINE ANHYDROUS

SYNONYMS : 2-(Trimethylazaniumyl)Acetate
PRODUCT CODE (SKU) : 40200036-1, 40200036-2, 40200036-3
PRODUCT SIZE : 100 g, 500 g, 1 kg
MOLECULAR FORMULA : $C_5H_{11}NO_2$
MOLECULAR WEIGHT : 117.15 g/mol
CAS NUMBER : 107-43-7
STORAGE TEMP. : RT
LOT NUMBER : V26011402
REASSAY/ EXP DATE : 01/2029

PROPERTIES	SPECIFICATIONS	TEST RESULTS
Appearance:	Crystalline Powder	PASS
Color:	White to off-white	PASS
Purity:	≥98% (Titration)	98.9%
pH:	Report	6.35
Loss on drying:	≤2%	0.53%
Residue on ignition:	≤0.2%	0.12%
Bacteria:	≤1000 CFU/g	PASS
Fungi:	≤100 CFU/g	PASS
Arsenic:	≤1 ppm	PASS
Heavy metals:	≤10 ppm	PASS
Lead:	≤1 ppm	≤0.3 ppm
Cadmium:	≤1 ppm	PASS
Coliform Organisms:	≤10 mpn/g	PASS
Particle Size:	20 mesh	100%
Shigella:	None detected	PASS
E. Coli:	None detected	PASS
S. Aureus:	None detected	PASS
Salmonella:	None detected	PASS

CERTIFICATE CREATED BY:

Mallory McMullen

Mallory McMullen

CERTIFIED BY:

Chloe Kargiotis

Chloe Kargiotis
Quality Assurance Coordinator

DATE:
03-09-2026

CREATION DATE: 03-09-2026 PRINT DATE: 04-06-2026
The above information is based upon data received from our supplier or our quality control measurements.

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