



SUZHOU NMT BIOTECH CO.,LTD  
CHANGYANG STREET, SUZHOU SIP, JIANGSU, CHINA



## CERTIFICATE OF ANALYSIS

**PRODUCT NAME: BETAINE ANHYDROUS**

QUANTITY:1500KG

CAS NO.:107-43-7

BATCH NO.: 20240902

MFG. DATE:SEP.02,2024

TEST DATE:SEP.02,2024

EXP. DATE:SEP.01,2026

ITEMS	STANDARD	RESULTS	TEST METHOD
Content (on dry basis, C5 H11NO2)	98.0% MIN	98.30%	Titration
Appearance	White crystalline	White crystalline	Visual
Loss on drying	1.0% MAX	0.66%	USP<731>
Ignite residue	0.5% MAX	0.35	USP<281>
PH	5.0-8.0	7.08	pH Meter
Total Plate Count cfu/g	1,000 MAX	< 1000	USP<2021>
Yeast & Mold cfu/g	100 MAX	< 100	USP<2021>
E. Coli	Negative/10g	Negative/ 10g	ISO7251
Salmonella	Negative/25g	Negative/25g	ISO6579
Staphylococcus Aureus	Negative/25g	Negative/25g	ISO6888-1
Heavy metals	10ppm MAX	CONFORM	Colorimetry
Arsenic	1ppm MAX	CONFORM	ICP-MS
Mercury	0.2ppm MAX	CONFORM	ICP-MS
Cadmium	0.2ppm MAX	CONFORM	ICP-MS
Lead	1 ppm MAX	CONFORM	ICP-MS
Particle size	100% Thru 20mesh	CONFORM	USP<786>
Bulk density	As the result	630g/L	USP<616>
Tapped density	As the result	760g/L	USP<616>

CONCLUSION: THE QUALITY IS IN CONFORMITY WITH ENTERPRISE STANDARD.

PACKING: 25KG/DRUM

SRORAGE: KEEP IT IN A COOL, DRY AND SHADY PLACE.