

Certificate of Analysis

N,N-Dimethylglycine Hcl

CAS No.	2491-06-7	Code	BIOJDMG001
Batch No	20241228	Manufacture Date	Dec.28, 2024
Expiry Date	Dec.27, 2027	Quantity	5Kgs

Testing Items	Specifications	Results
Appearance	White crystalline powder	Complies
Crystal clear the grade	USP	Complies
Melting point	188-194°C	188.5-192.0°C
Identification	A: HPLC	Complies
	B: 1% Solution in water: Methanol(1:1) gives positive test for chloride	Complies
Loss on drying	≤2.0%	0.63%
Residue on ignition	≤0.1%	0.08%
Content on Assay	≥98.0%	99.05%
Content on HCL	25.5~27.0%	26.71%
Bulk density	----	0.52g/ml
Tap density	----	0.74g/ml
Mesh number	20-40	Complies
Heavy metals	≤10ppm	Complies
Pb	≤3ppm	Complies
As	≤1ppm	Complies
Hg	≤0.1ppm	Complies
Cd	≤1ppm	Complies
Aerobic plate count	≤1000cfu/g	Complies
Mold & Yeast	≤100cfu/g	Complies
Salmonella	Negative	Negative
E. Coli	Negative	Negative
Staphylococcus	Negative	Negative
Conclusion	This product conforms to In-house standard	

***Storage condition: Store below 25°C, Protect from moisture and light.**