

## Certificate of Analysis

Product Name: **N,N-Dimethylglycine HCL (DMG)**  
 Country of Origin: **China**  
 Starting Material: **chloroacetic acid, NaOH,**  
 Batch Number: **Varies**  
 Manufacture Date: **Varies**  
 Retest Date: **Varies**

### Test Results Obtained by PureBulk

ITEMS	SPECIFICATIONS	RESULTS
N,N-Dimethylglycine HCl (HPLC)	≥98%	99.41%
Identification (HPLC)	Positive	Confirmed
Aerobic Plate Count	≤1000 cfu/g	<20 cfu/g
Yeast & Mold	≤100 cfu/g	<20 cfu/g
Coliforms	≤100 cfu/g	<20 cfu/g
<i>E. Coli</i>	Negative	Absent
<i>Salmonella</i>	Negative	Absent
<i>Staph aureus</i>	Negative	Absent
<i>Pseudo. aeruginosa</i>	Negative	Absent
Conclusion (PureBulk):	This product conforms to standards	

The following information is an indirect translation of information provided from the Manufacturer's Certificate of Analysis, and should not be used solely as an instrument for strict quality control.

ITEMS	SPECIFICATIONS	RESULTS
Appearance	White crystalline powder	Conforms
Crystal clear the grade	USP	Conforms
Melting Point	188-194°C	189.50-193.50°C
Loss on Drying	≤2.0%	0.69%
Residue on Ignition	≤0.1%	0.08%
Bulk Density	-	0.52 g/ml
Tap Density	-	0.74 g/ml
Mesh Number	20-40	Conforms
Heavy Metals	≤10 ppm	Conforms
Pb	≤3 ppm	Conforms
As	≤1 ppm	Conforms
Hg	≤0.1 ppm	Conforms
Cd	≤1 ppm	Conforms
Conclusion (Manufacturer):	This product conforms to enterprise standards	

**Additional Information:** Non-Allergen || Gluten Free || BSE-TSE free || Vegan / Vegetarian

**GMO Statement:** Non-GMO

**Storage Conditions:** **Keep in sealed container under 25°C.**  
**Keep away from strong light, heat and moisture.**

*Purebulk.Inc verifies that the information contained herein is true and correct to the best of our knowledge.*

*Verified By: Candace Gibson*

( This document was produced electronically and is valid without signature. )