

HEBEI HUAYANG BIOLOGICAL TECHNOLOGY CO.,LTD

NO.645 FUYANG EAST ROAD,JIZHOU DISTRICT,HENGSHUI CITY,HEBEI PROVINCE,CHINA

Phone: +86-318-8638826

Fax: +86-318-8638826

CERTIFICATE OF ANALYSIS

Product Name: Glycine	Quantity: 3000kgs	Batch No: 2412260511
Packing: 25kgs/drum	Producing date: 2024.05.11	Expiry date: 2026.05.10
Reference standard: USP39		
Item	Specifications	Results
Appearance	White crystalline powder	White crystalline powder
Solubility	Readily solves in water, slightly in ethanol, does not solve in acetone or ethyl ether.	Conforms
Identification	IR Conforms	Conforms with standard
Assay (C ₂ H ₅ NO ₂),%	98.5~101.5	99.6
Chloride (as Cl),%	≤0.007	<0.007
Heavy metals (as Pb),%	≤0.002	<0.002
Sulfate(as SO ₄),%	≤0.0065	<0.0065
Loss on drying,%	≤0.2	0.09
Residue on ignition,%	≤0.1	0.04
Organic volatile impurities	Meets the requirements	Meets the requirements
Hydrolyzable substances	Solution clear	Conforms
Related compounds	Conforms to USP2021-3	Conforms
Residue solvents	Not detected	Conforms
Conclusion: This product conforms to requirements of USP39 standard.		

Inspectors: Jia Jingtan

Checker: Duan Lan