

Certificate of Analysis

Glycine

Biotechnology Grade

Product No.:	JS0028
Batch No.:	JHT0304HJ8
CAS No.:	56-40-6
Formula:	C ₂ H ₅ NO ₂
Molecular Weight:	75.07
Quality Release Date:	06/Jan./2025
Recommended Retest Date:	05/Jan./2028
Storage At:	RT

TEST	SPECIFICATION	RESULT
Appearance	White crystals or crystalline powder	White crystalline powder
State of solution	≥98.0%	99.4%
Specific rotation	+22.1° ~ +22.9°	+22.5°
pH	4.7 ~ 6.2	Conforms
Heavy metals(Pb)	≤10ppm	<10ppm
Iron(Fe)	≤10ppm	<10ppm
Arsenic(As ₂ O ₃)	≤1ppm	<1ppm
Sulfate(SO ₄)	≤0.02%	<0.02%
Chloride	16.58% ~ 17.00	16.9%
Loss on drying	≤0.20%	0.15%
Residue on ignition	≤0.10%	0.06%
Ammonium(NH ₄)	≤0.02%	<0.02%
Assay	≥99.0%	99.6%

Clara Chen, Manager

Quality Control

Hongkong, China

JSENB(HK) warrants, that at the time of the quality release or subsequent retest date this product conformed to the information contained in this publication. For further inquiries, please contact Technical Service or authorized agent according to the batch bar number of the out-of-box list of the product department. Purchaser must determine the suitability of the product for its particular use. See reverse side of invoice or packing slip for additional terms and conditions of sale.