

Certificate of Analysis

甘氨酸

AR, 99.5-100.5%

Product Number: MG17890
Batch Number: MHJ10061LD
CAS Number: 56-40-6
Quality Release Date: 02/Oct./2025
Recommended Retest Date: 01/Oct./2028
Storage At: RT

摩莱化学

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Test	Specification	Result
Appearance	White crystals or crystalline powder	White crystalline powder
Assay	$\geq 99.5\%$	100.2%
Specific rotation	$+22.1^{\circ} \sim +22.9^{\circ}$	$+22.6^{\circ}$
PH	4.7~6.2	Conforms
Ammonium(NH ₄)	$\leq 0.02\%$	$< 0.02\%$
Loss on drying	$\leq 0.20\%$	0.15%
Chloride	16.58%~17.00%	16.8%
Arsenic(As ₂ O ₃)	$\leq 1\text{ppm}$	$< 1\text{ppm}$
Iron(Fe)	$\leq 10\text{ppm}$	$< 10\text{ppm}$
Heavy metals(Pb)	$\leq 10\text{ppm}$	$< 10\text{ppm}$

Zhenbang Lou, Manager

Quality Control

Beijing, China