Life Giving Store

TYPICAL ANALYSIS

Typical Certificate of Analysis

Product: Glycine Powder – USP Grade
CAS #: 56-40-6
Molecular formula: C2H5NO2
Molecular weight: 75.07

Test	Specification	Typical Result
Description	White crystalline powder	**Passes**
Identification	To pass test	**Passes**
Assay (dried basis)	98.0–101.5%	**99.5%**
Residue on ignition	Max 0.1%	**Max 0.1%**
Chloride	Max 0.007%	**Max 0.007%**
Sulfate	Max 0.0065%	**Max 0.0065%**
Hydrolyzable substances	To pass test	**Passes**
Related compounds	Individual max 0.1%, total max 1.0%	**Individual max 0.1%, total max 1.0%**
Loss on drying	Max 0.2%	**0.11%**
Storage	Well-closed container, room temp.	**Well-closed container, room temp.**
Solubility	Freely soluble in water	**Freely soluble in water**

Compendial reference: USP-NF.