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Product Datasheet

GM2320 - Glycine, EP, USP grade

Product Details

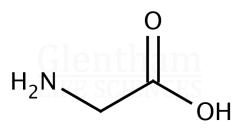
Product Name	Glycine, EP, USP grade
Glentham Code	GM2320
CAS Number	56-40-6
EINECS	200-272-2
MDL Number	MFCD00008131
PubChem SID	310274276
Related Categories	Amino Acids, Biochemica Buffers, Raw Materials (I Beagents for Gel

-2 0008131 276 cids, Biochemicals, Raw Materials (IVD), Reagents for Gel Electrophoresis of Proteins, Reagents for Cell Culture, Reagents for Western Blotting

Structure

Molecular Weight Molecular Formula :

: 75.07 C₂H₅NO₂



Glentham Product Specification

Physical Description	:	White crystalline powder
Identification	:	IR
Solubility (10% in water)	:	Clear, colourless solution
pH (5% in water)	:	5.9 - 6.4
Heavy Metals (as Pb)	:	≤ 10ppm
Chloride (Cl)	:	≤ 0.007%
Sulphate (SO4)	:	≤ 0.0065%
Lead (Pb)	:	≤ 3ppm
Arsenic (As)	:	≤ 1ppm
Mercury (Hg)	:	≤ 0.1ppm
Cadmium (Cd)	:	≤ 1ppm
Residue on Ignition	:	≤ 0.1%
Loss on Drying	:	≤ 0.2%
Hydrolysable Substances	:	To pass test
Organic Volatile Impurities	:	To pass test
Ninhydrin-positiv e substances	:	To pass test
Assay (Titration)	:	98.5 - 101.5 % (dried basis)
Pharmacopoeia Specification(s)	:	EP, USP
Version	:	v1.1

About Glycine, EP, USP grade

Glycine is an inhibitory neurotransmitter in the central nervous system, especially in the spinal cord, brainstem, and retina and is a required co-agonist along with glutamate for NMDA receptors.

Storage

Recommended storage temperature: +20°C.

Hazards and Transport

Not classified as hazardous under CLP. Not classified as dangerous for transport.

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