

Product Datasheet

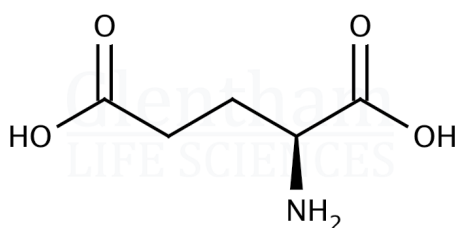
GM8976 - L-Glutamic acid, GlenCell™, suitable for cell culture

Product Details

Product Name	L-Glutamic acid, GlenCell™, suitable for cell culture
Glenthams Code	GM8976
CAS Number	56-86-0
EINECS	200-293-7
MDL Number	MFCD00002634
Related Categories	Amino Acids, Biochemicals, Raw Materials (IVD), Reagents for Cell Culture

Structure

Molecular Weight	: 147.13
Molecular Formula	: C ₅ H ₉ NO ₄



Physical Description	: White crystalline powder
Identification	: To pass tests
Solubility (5% in water)	: Clear, colourless solution
pH (1% in water)	: 3.0 - 3.5
Transmittance	: ≥ 98.0% (5% in water, 430nm, 10mm cell)
Specific Optical Rotation ([α] _D ²⁰)	: +31.5 - +32.2 °
Chloride (Cl)	: ≤ 0.02%
Sulphate (SO ₄)	: ≤ 0.02%
Ammonium (NH ₄)	: ≤ 0.02%
Iron (Fe)	: ≤ 10ppm
Arsenic (As ₂ O ₃)	: ≤ 1ppm
Heavy Metals (as Pb)	: ≤ 5ppm
Any Individual Impurity	: ≤ 0.2%
Total Impurities	: ≤ 0.6%
Sulphated Ash	: ≤ 0.1%
Loss on Drying	: ≤ 0.5%
Endotoxins	: ≤ 6EU/g
Assay	: 99.0 - 101.0 % (dried basis)
Pharmacopoeia Specification(s)	: EP
Origin	: Non-animal origin
Version	: v1.0

About L-Glutamic acid, GlenCell™, suitable for cell culture

No further details on record.

Storage

Recommended storage temperature: +20°C.

Hazards and Transport

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

Glenthams Product Specification

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