

Glentham Life Sciences Ltd Unit 5 Leafield Way Corsham SN13 9SW United Kingdom

+44 (0) 1225 667 798 t: f: +44 (0) 2033 978 909 e: info@glentham.com www.glentham.com

## Product Datasheet

GM7895 - L-Phenylalanine, GlenCell™, suitable for cell culture

**Product Details** 

L-Phenylalanine, GlenCell™, **Product Name** 

suitable for cell culture

Glentham Code GM7895 **CAS Number** 63-91-2 **EINECS** 200-568-1

MDL-Nummer MFCD00064227

Amino Acids, Biochemicals, Reagents for Cell Culture **Related Categories** 

Structure

Molecular Weight 165.19 Molecular Formula CoH<sub>11</sub>NO<sub>2</sub>

Storage

Recommended storage temperature: +20°C.

**Hazards and Transport** 

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

**Glentham Product Specification** 

Physical White crystals or crystalline

Description powder

Identification

Solubility Freely soluble in formic acid,

sparingly soluble in water, practically insoluble in ethanol

Solubility (5% in Clear, colourless solution

water)

Transmittance ≥ 97.0% (5% in water, 430nm,

10mm cell)

Specific Optical

Rotation

: -33.5 - -35.0 ° (C=2, H2O)

: ≤ 0.02% Chloride (CI) Ammonium ≤ 0.02%

(NH4)

Sulphate (SO4) : ≤ 0.02% Iron (Fe) : ≤ 10ppm : ≤ 10ppm

Heavy Metals (as Pb)

Related

Arsenic (As2O3) : ≤ 1ppm

Substances

To pass test

Loss on Drying : ≤ 0.2% Sulphated Ash : ≤ 0.1%

рΗ : 5.4 - 6.0 (1% in water)

**Endotoxins** : ≤ 6EU/q Assay 98.5 - 101.0 % Origin Non-animal origin

Pharmacopoeia

Specification(s)

: EP, USP

Version : v1.0

About L-Phenylalanine, GlenCell™, suitable for cell culture

No further details on record.

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