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Product Datasheet

GM3894 - L-Valine, GlenCell™, suitable for cell culture

Product Details

L-Valine, GlenCell™, suitable **Product Name**

for cell culture

Glentham Code GM3894 **CAS Number** 72-18-4 **EINECS** 200-773-6

MDL Number MFCD00064220

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

Structure

Molecular Weight 117.15 Molecular Formula C₅H₁₁NO₂

> H₂C -····III NH₂ HO

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 water and in

formic acid, practically insoluble in

ethanol

Solubility (2.5% Clear, colourless solution

in water)

Transmittance ≥ 98.0% (2.5% in water, 430nm,

10mm cell)

Specific Optical

Rotation

: +27.6 - +28.7 ° (C=8, 6M HCI)

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

(NH4)

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

Heavy Metals (as Pb)

Arsenic (As2O3) : ≤ 1ppm

Related

Substances

: To pass test

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

рΗ : 5.5 - 6.5 (2.5% in water)

Endotoxins : ≤ 6.0EU/q Assay 98.5 - 101.0 % Origin : Non-animal origin

Version : v1.0

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

Valine is an essential, non-polar, branched-chain amino acid found in meat, dairy and soy products. It is involved in energy production and muscle metabolism in humans. L-Valine is the L-enantiomer of valine and is commonly used as a component in cell culture media.

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