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Product Datasheet

GM0361 - L-Alanine, GlenCell™, suitable for cell culture

Product Details

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

for cell culture

Glentham Code GM0361 **CAS Number** 56-41-7 **EINECS** 200-273-8

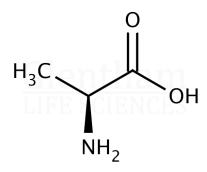
MDL Number MFCD00064410

Related Categories Amino Acids, Biochemicals,

Reagents for Cell Culture, Enzyme Substrates

Structure

Molecular Weight : 89.09 Molecular Formula : C₃H₇NO₂



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 (10% in : Clear, colourless solution

water)

Transmittance : ≥ 98.0%

Specific Optical

Rotation 8

: +14.3 - +15.2 °

Chloride (CI) Ammonium

: ≤ 0.02% : ≤ 0.02%

(NH4)

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

Heavy Metals (as Pb)

≤ 10ppm

Any Unspecified

Loss on Drying

Arsenic (As2O3) : ≤ 1ppm

Impurity

: ≤ 0.1%

Total Impurities : ≤ 0.5%

Residue on

: ≤ 0.1%

Ignition

: ≤ 0.2%

pH (10% in

Endotoxins

water)

: 5.7 - 6.7

: ≤ 6.0EU/g

: 99.0 - 101.0 % (dried basis) Assay

Origin Non-animal origin

Version v1.0

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

Alanine is an alpha-amino acid that is non-essential in humans. It is used in the biomanufacturing of recombinant proteins and monoclonal antibodies. It is an important constituent in cell culture media.

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