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Product Datasheet

Physical

GM7668 - L-Alanine

Product Details

Product Name L-Alanine
Glentham Code GM7668
CAS Number 56-41-7
EINECS 200-273-8
MDL Number MFCD00064410

PubChem SID 310265934

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

Enzyme Substrates, Cosmetic

Raw Materials

Structure

Molecular Weight : 89.09Molecular Formula : $C_3H_7NO_2$



Description : 5.7 - 6.7

: White crystalline powder

Specific Optical : 13.5 - 15.5 ° Rotation

Ammonium : $\leq 0.02\%$ (NH4)

Sulphate (SO4) : ≤ 0.03%

Chloride (CI) ≤ 0.02% Arsenic (As2O3) : ≤ 1ppm Iron (Fe) ≤ 10ppm Lead (Pb) ≤ 3ppm Cadmium (Cd) ≤ 1ppm Mercury (Hg) : ≤ 0.1ppm Sulphated Ash : ≤ 0.1% Loss on Drying ≤ 0.2%

Assay : 98.5 - 101.0 % Pharmacopoeia : Conforms to EP

Specification(s)

Version : v1.0

About L-Alanine

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.

Storage

Recommended storage temperature: +20°C.

Hazards and Transport

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

Glentham Product Specification

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