

Product Datasheet

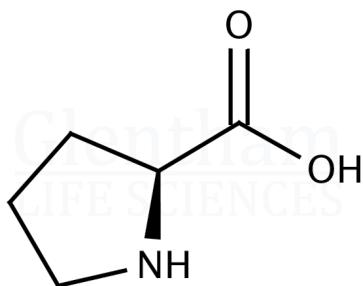
GM9897 - L-Proline, GlenCell™, suitable for cell culture

Product Details

Product Name	L-Proline, GlenCell™, suitable for cell culture
Glenthams Code	GM9897
CAS Number	147-85-3
EINECS	205-702-2
MDL Number	MFCD00064318
Related Categories	Amino Acids, Biochemicals, Reagents for Cell Culture

Structure

Molecular Weight	: 115.13
Molecular Formula	: C ₅ H ₉ NO ₂



Storage

Recommended storage temperature: +20°C.

Hazards and Transport

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

Glenthams Product Specification

Physical Description	: White crystals or crystalline powder
Identification	: IR
Solubility (10% in water)	: Clear, colourless solution
Transmittance	: ≥ 98.0%
Specific Optical Rotation	: -84.5 - -86.0 °
Chloride (Cl)	: ≤ 0.02%
Ammonium (NH ₄)	: ≤ 0.02%
Sulphate (SO ₄)	: ≤ 0.02%
Iron (Fe)	: ≤ 10ppm
Heavy Metals (as Pb)	: ≤ 10ppm
Arsenic (As ₂ O ₃)	: ≤ 1ppm
Any Unspecified Impurity	: ≤ 0.2%
Total Impurities	: ≤ 0.5%
Residue on Ignition	: ≤ 0.1%
Loss on Drying	: ≤ 0.25%
pH (10% in water)	: 5.9 - 6.9
Endotoxins	: ≤ 6.0EU/g
Assay	: 99.0 - 101.0 % (dried basis)
Origin	: Non-animal origin
Version	: v1.0

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

No further details on record.

This document was generated electronically and is therefore valid without signature. © Glenthams Life Sciences Ltd, 2024