

## Product Datasheet

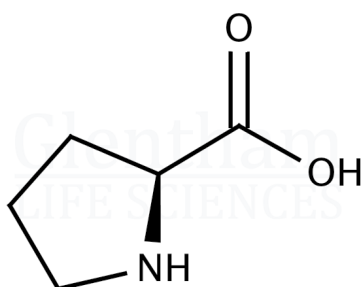
### GM1129 - L-Proline

#### Product Details

Product Name	L-Proline
Glentham Code	GM1129
CAS Number	147-85-3
EINECS	205-702-2
MDL Number	MFCD00064318
PubChem SID	310279253
Related Categories	Amino Acids, Biochemicals, Reagents for Cell Culture, Cosmetic Raw Materials

#### Structure

Molecular Weight	: 115.13
Molecular Formula	: C <sub>5</sub> H <sub>9</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 Description	: White crystals or crystalline powder
Assay	: 99.0 - 101.0 % (anhydrous)
Identification (IR)	: To conform to standard
Residue on Ignition	: ≤ 0.1%
Chloride (Cl)	: ≤ 0.05%
Sulphate (SO <sub>4</sub> )	: ≤ 0.03%
Iron (Fe)	: ≤ 30ppm
Heavy Metals (as Pb)	: ≤ 10ppm
Organic Impurities	: Any Individual Impurity: ≤ 0.5%
	: Total impurities: ≤ 2.0%
Specific Optical Rotation	: -84.5 - -86.0 °
Loss on Drying	: ≤ 0.4%
Lead (Pb)	: ≤ 3ppm
Arsenic (As)	: ≤ 1ppm
Mercury (Hg)	: ≤ 0.1ppm
Cadmium (Cd)	: ≤ 1ppm
Pharmacopoeia Specification(s)	: Conforms to USP
Version	: v1.1

#### About L-Proline

No further details on record.

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