

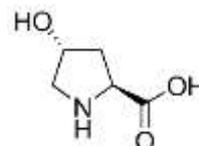


Product Specification

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L-HYDROXY PROLINE FOR BIOCHEMISTRY

PRODUCT CODE	037120
SYNONYMS	--
C.I. NO.	--
CASR NO.	(51-35-4)
ATOMIC OR MOLECULAR FORMULA	C₅H₉O₃N
ATOMIC OR MOLECULAR WEIGHT	131.13
PROPERTIES	Optically active, slightly soluble in alcohol.



PARAMETER	LIMIT
Description	White to off white crystalline powder.
Solubility	5% solution in water is clear and colourless.
Minimum Assay (Non-Aqueous)	99.0%
Melting Point	About 270° C - 77° to -75°
Specific Rotation (α) (C=5, in water) 20° D	

MAXIMUM LIMIT OF IMPURITIES

Loss on drying at 110°C	0.5%
Sulphated ash	0.1%
Iron (Fe)	0.001%
Lead (Pb)	0.001%

Note(s): Assay (if applicable) method mentioned.

WARNING

Hazard statements : Not hazardous. No hazards.

Precautionary statements

Prevention: ----

Response: ----

Disposal: --

Hazard Pictogram(s) :--

IMDG Code :--

UN No. :--

IATA :--

Replace date 15-May-2025