

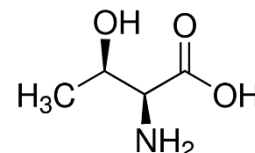


Product Specification

cdhfinechemical.com

L-THREONINE AR

PRODUCT CODE	660505
SYNONYMS	--
C.I. NO.	--
CASR NO.	(72-19-5)
ATOMIC OR MOLECULAR FORMULA	C₄H₉NO₃
ATOMIC OR MOLECULAR WEIGHT	119.12
PROPERTIES	Optically active.



PARAMETER	LIMIT
------------------	--------------

Description	White to off white crystals /crystalline powder.
Solubility	Soluble in water. 2% solution in water is clear and colourless.
Minimum Assay (ex N, non-aqueous)	99.0%
²⁰ _D Specific Rotation (α) (C=2, in water)	- 29° to - 27°

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: ---

IMDG Code :-

UN No. :-

IATA :-

Disposal: Dissolve the chemical to be disposed, in water and allow it to run to waste, diluting with large quantities of water. The waste chemical should be buried on a stage approved site. The liquids should be absorbed on sand. The chemical should be mixed combustible solvent and burnt in a chemical incinerator equipped with burner and scrubber.

Hazard Pictogram(s) :-

Replace Date 13-feb-2021