

Product Specification

Product Name: L-Threonine *copoeia

(2S,3R)-2-amino-3-hydroxybutanoic acid

Item Nr.: 1917

MW: 11912 g/mol

C4H9NO3

CAS Nr.: 72-19-5

E.C.Nr.:

EINECS: 200-774-1

Parameter	Method	Specification	Unit
Appearance	visual	White or almost white crystalline powder	
Solubility	2.5% in H2O	soluble	
Clarity of solution	Nephelometry	0	NTU
Coloration of sol.	Gardner	1	
Identification	IR	corresponds to standard	
Assay	Titration	98.5 - 101.5	%
Loss on drying		< 0.2	%
pH	5% in H2O, 20°C	5.0 - 6.5	
Optical rotation	$[\alpha]^{20D}$, 6% in H2O	-26.7 - -29.1	°
Heavy metals		< 15	ppm
Iron (Fe)		< 30	ppm
Chlorides		< 500	ppm
Sulfated ash		< 0.4	%
Sulfates (SO4)		< 300	ppm

Storage: Keep well closed at room temperature in a dark and dry place.

For professional use only. Not intended for pharmaceutical use. We do not warrant suitability for any particular application. Consult Safety Data Sheet.

Version/Latest update: 02/13.04.2019