

Specification

Technical Data Sheet

Product Name	L-Threonine
Product No	29578582
CAS Number	72-19-5
Storage Temperature	Ambient
Molecular Weight	119.12
	Specification
Appearance	White crystalline powder
Heavy metals	≤10ppm
Identification	Conforms to reference
Loss on Drying	≤0.20%
pH	5.2 - 6.5
Specific rotation	-27.5° to -29.0°
Ammonium salt	≤0.02%

Specification

Assay	99.0% - 101%
--------------	--------------

Chloride (Cl)	$\leq 0.02\%$
----------------------	---------------

Iron (Fe)	$\leq 10\text{ppm}$
------------------	---------------------

Residue on Ignition	$\leq 0.10\%$
----------------------------	---------------

Transmittance	$\geq 98.0\%$
----------------------	---------------

Arsenic (As)	$\leq 10\text{ppm}$
---------------------	---------------------

Sulphate (SO₄)	$\leq 0.020\%$
----------------------------------	----------------
