

Product Specification

Product Name: L-Proline *copoeia

(2S)-pyrrolidine-2-carboxylic acid

Item Nr.: 2031

MW: 115.13 g/mol

C5H9NO2

CAS Nr.: 147-85-3

E.C.Nr.:

EINECS: 205-702-2

Parameter	Method	Specification	Unit
Appearance	visual	White or almost white crystalline powder	
Solubility	5% in H2O	soluble	
Clarity of solution	Nephelometry	0	NTU
Coloration of sol.	Gardner	1	
Identification	IR	complies to standard	
Assay		98.5 - 101.5	%
Loss on drying		< 0.5	%
pH	10% in H2O	5.9 - 6.9	
Optical rotation	[α] _{20D}	-86.3 - -84.0	°
Iron (Fe)		<10.0	ppm
Ammonium (NH ₄)		< 200	ppm
Chlorides		<200	ppm
Sulfates (SO ₄)		<300	ppm
Sulfated ash		<0.1	%
Ninhydrin-positive substances		<0.5	%

Storage: Keep well closed at room temperature in a dark and dry place. Avoid contact with metal.

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: 05/23.04.2025