

Product Specification

Product Name: L-Isoleucine *copoeia

(2S,3S)-2-amino-3-methylpentanoic acid

Item Nr.: 1912

MW: 131.18 g/mol

C6H13NO2

CAS Nr.: 73-32-5

E.C.Nr.:

EINECS: 200-798-2

Parameter	Method	Specification	Unit
Appearance	visual	White or almost white crystalline powder or flakes	
Solubility	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		< 0.3	%
pH	1% in H2O, 20°C	5.5 - 7.0	
Optical rotation	$[\alpha]^{20D}$, 4% in 6N HCl	+38.9 - +43.0	°
Iron (Fe)		< 0.003	%
Heavy metals (as Pb)		< 0.0015	%
Chlorides		< 0.05	%
Sulfated ash		< 0.3	%
Sulfates (SO4)		< 0.03	%

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: 02/12.04.2019