

SPECIFICATION

L-ISOLEUCINE, FOOD GRADE

Code: C4 342
CAS: [73-32-5]
EINECS: 200-798-2

	Specification	Unit
Appearance	white crystals or crystalline powder	/
Assay	98,5 - 101	%
pH	5,5 - 7,0	/
Specific rotation	+38,9° ~ +41,8°C	/
Ignition residue	≤0,1	%
Loss on drying	≤0,3	%
Cl (Chloride)	≤200	ppm
Fe (Iron)	≤10	ppm
Sulphate (SO ₄)	≤300	ppm
Ammonium (NH ₄)	≤200	ppm
Heavy metals (as Pb)	≤10	ppm
Pb (Lead)	≤3,0	ppm
As (Arsenic)	≤1,0	ppm
Cd (Cadmium)	≤1,0	ppm
Hg (Mercury)	≤0,1	ppm
Staphylococcus aureus (absent in 1 g)	positive	/
Salmonella ssp (absent in 10 g)	positive	/