

neoFroxx GmbH

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Specification

Product	L-Alanine for cell biology
Brand	BioFroxx

Product number	1200
Synonym(s)	L-2-Aminopropanoic acid, L-Ala
Formula	C ₃ H ₇ NO ₂
Molecular weight	89.09 g/mol
CAS number	56-41-7
Storage	below 25°C
Retest period (months)	48

All amino acids from neoFroxx are of non-animal origin!

Parameter	Specification
Pyrogen test	passes test
Assay (titr.)	min. 99 %
Identity (IR)	passes test
Loss on drying	max. 0.2 %
α20°C/D	+14.3° to +15.2°
Related substances	max. 1.0 %
Ammonium (NH ₄)	max. 0.02 %
Chloride (Cl)	max. 0.02 %
Sulfate (SO ₄)	max. 0.02 %
As (As ₂ O ₃)	max. 0.0001 %
Fe	max. 0.001 %
Heavy metals (as Pb)	max. 0.001 %

Einhausen, 16.02.2022