

neoFroxx GmbH

 Marie-Curie-Str. 3
 D-64683 Einhausen

 Telefon: +49 (6251) 989 24 - 0
 Telefax: +49 (6251) 989 24 - 10

 E-Mail: info@neofroxx.com
www.neofroxx.com

Specification

Product	L-Alanine for biochemistry
Brand	BioFroxx
Product number	1637
Synonym(s)	2-Aminopropionic acid
Formula	$C_3H_7NO_2$
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
Assay (GC)	min. 99.0 % (test with 0.10 g L-Alanine in 0.02 mol HCl)
Solubility (20°C in water)	166.5 g/l
α 20°C/D; 10 % in HCl	+13.7° - +15.1°
Heavy metals (as Pb)	max. 0.001 %
Other amino acids	max. 0.5 %
Ammonium	max. 0.1 %
Chloride	max. 0.02 %
Sulfate	max. 0.02 %

Einhausen, 26.05.2020