

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-Phenylalanine for cell biology
Brand	BioFroxx

Product number	1218
Synonym(s)	L-2-Amino-3-phenylpropionic acid
Formula	C ₉ H ₁₁ NO ₂
Molecular weight	165.19 g/mol
CAS number	63-91-2
Storage	below 25°C
Retest period (months)	48

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

Parameter	Specification
Assay (titr.)	min. 99.0 %
Solubility (25°C in water)	27 g/l
Pyrogen test	passes test
α20°C/D; 2 % in water	-33.0° to -34.7°
Heavy metals (as Pb)	max. 0.001 %
Insoluble matter	passes test
Other amino acids	max. 0.5 %
Ammonium	max. 0.05 %
Chloride	max. 0.02 %
Sulfate	max. 0.02 %
Melting range	275 - 283°C (dec.)

Einhausen, 05.02.2020