

neoFroxx GmbH

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Specification

Product	L-Phenylalanine for cell biology
Product number	1218
Synonyms	L-2-Amino-3-phenylpropionic acid
Formula	$C_9H_9NO_2$
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.)	$\geq 99 \%$
Solubility	27 g/l in water
Endotoxin	passes test
Specific rotation	-33.0° to -34.7°
Heavy metals (Pb)	$\leq 0.001 \%$
Insoluble matter	passes test
Other amino acids	$\leq 0.5 \%$
Ammonium (NH_4)	$\leq 0.05 \%$
Chloride (Cl)	$\leq 0.02 \%$
Sulfate (SO_4)	$\leq 0.02 \%$
Melting range	275 - 283°C

Einhausen, 29.05.2025