

neoFroxx GmbH

Marie-Curie-Str. 3
64683 Einhausen
+49 6251 989 240
coa@neofroxx.com
www.neofroxx.com

Specification

Product	L-Arginine free base for cell biology
Product number	1202
Synonyms	2-Amino-5-guanidinopentanoic acid, 2(S)-Amino-5-guanidinovaleric acid
Formula	$C_6H_{14}N_4O_2$
Molecular weight	174.20 g/mol
CAS number	74-79-3
Storage	below 25°C
Retest period (months)	48

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

Parameter	Specification
Assay (titr.)	$\geq 99 \%$
Specific rotation	$+26.3^\circ - +27.7^\circ$
Heavy metals (as Pb)	$\leq 0.001 \%$
Ammonium (NH ₄)	$\leq 0.1 \%$
Chloride (Cl)	$\leq 0.02 \%$
Sulfate (SO ₄)	$\leq 0.02 \%$
Absorbance (0.5 M in water)	
260 nm	≤ 0.2
280 nm	≤ 0.1
Endotoxin (revised)	passes test

Einhausen, 29.01.2026