

neoFroxx GmbH

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Specification

Product	L-Glutamine for cell biology
Product number	1210
Synonyms	L-Glutamic acid-5-amide, Gln
Formula	C ₅ H ₁₀ N ₂ O ₃ (revised)
Molecular weight	146.15 g/mol
CAS number	56-85-9
Storage	below 25°C
Retest period (months)	48

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

Parameter	Specification
Assay (titr.)	>= 99 %
Identity	passes test
Appearance	white powder
Specific rotation	+6.3° - +7.3°
pH (20°C, in water)	4 - 6
Other amino acids	<= 0.5 %
Ammonium (NH ₄)	<= 0.1 %
Chloride (Cl)	<= 0.02 %
Sulfate (SO ₄)	<= 0.02 %
Arsenic (As)	<= 0.0001 %
Iron (Fe)	<= 0.001 %
Lead (Pb)	<= 0.001 %
Loss on drying	<= 0.2 %
Residue on ignition (Ash)	<= 0.1 %
Endotoxin	<= 6 EU/g
Cell Culture Test	passes test

Einhausen, 13.08.2025