

neoFroxx GmbH

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Specification

Product	L-Glutamic acid for cell biology
Product number	1209
Synonyms	L-2-Aminoglutaric acid, (S)-(+)-Glutamic acid
Formula	C ₅ H ₉ NO ₄
Molecular weight	147.13 g/mol
CAS number	56-86-0
Storage	below 25°C
Retest period (months)	48

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

Parameter	Specification
Assay (titr.)	>= 99 %
Specific rotation	+30.5° - +32°
pH (0.5 % in water, 20°C)	3 - 3.5
Other amino acids	<= 0.5 %
Ammonium (NH ₄)	<= 0.02 %
Chloride (Cl)	<= 0.02 %
Sulfate (SO ₄)	<= 0.02 %
Arsenic (As)	<= 0.0001 %
Iron (Fe)	<= 0.001 %
Lead (Pb)	<= 0.001 %
Endotoxin (revised)	passes test
Cell Culture Test	passes test

Einhausen, 06.06.2024