

neoFroxx GmbH

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Specification

Product	L-Asparagine monohydrate for biochemistry
Brand	BioFroxx

Product number	5562
Synonym(s)	L-2-Aminosuccinic acid 4-amide, (S)-2-Aminosuccinic acid 4-amide, (S)-(+)-2-Aminosuccinamic acid, L-Aspartic acid 4-amide, Asn
Formula	$C_4H_8N_2O_3 \cdot H_2O$
Molecular weight	150.14 g/mol
CAS number	5794-13-8
Storage	below 25°C
Retest period (months)	48

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

Parameter	Specification
Assay (titr.)	min. 99 %
$\alpha_{20^\circ C/D}$ (10 %, 3 M HCl)	+33.7° to +36°
Other amino acids	max. 0.5 %
Ammonium	max. 0.1 %
Chloride	max. 0.02 %
Sulfate	max. 0.02 %
Heavy metals (as Pb)	max. 0.001 %
A (1 cm/0.1 M in HCl)	
260 nm	max. 0.2
280 nm	max. 0.1 %

Einhausen, 24.08.2022