

neoFroxx GmbH

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Specification

Product	L-Asparagine monohydrate for cell biology
Brand	BioFroxx
Product number	1204
Synonym(s)	L-2-Aminosuccinic acid 4-amide, (S)-2-Aminosuccinic 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
Pyrogen test	passes test
Assay (titr.)	min. 99 % - 101 %
$\alpha_{20^\circ C/D; 10\%, 3\ M\ HCl}$	+33.7° to +36°
Other amino acids	max. 0.5 %
Ammonium	max. 0.1 %
Chloride	max. 0.02 %
Sulfate	max. 0.02 %
As	max. 0.0001 %
Fe	max. 0.001 %
Pb	max. 0.001 %
pH (water, 20°C)	4.4 - 6.4
Loss on drying (105°C, 2 h)	11.5 % - 12.5 %

Einhausen, 07.04.2020