

neoFroxx GmbH

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Specification

Product	L-Asparagine monohydrate for cell biology
Product number	1204
Synonyms	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
Assay (titr.)	99 - 101 %
Specific rotation	+33.7° to +36°
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 %
pH (20 % in water, 20°C) (revised)	4.4 - 6.4
Loss on drying (105°C, 2 h)	11.5 - 12.5 %
Endotoxin	passes test

Einhausen, 29.04.2025