

neoFroxx GmbH

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Specification

Product	L-Asparagine monohydrate for biochemistry
Product number	5562
Synonyms	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.)	$\geq 99 \%$
Specific rotation	+33.7° to +36°
Other amino acids	$\leq 0.5 \%$
Ammonium (NH ₄)	$\leq 0.1 \%$
Chloride (Cl)	$\leq 0.02 \%$
Sulfate (SO ₄)	$\leq 0.02 \%$
Heavy metals (Pb)	$\leq 0.001 \%$
Absorbance (0.1 M in HCl)	
260 nm	≤ 0.2
280 nm	≤ 0.1

Einhausen, 13.05.2025