

Certificate of Analysis

Description	L-Asparagine 1-hydrate BioChemica
Product number	A3721
CAS number	5794-13-8
Molecular weight	150.14 g/mol
Formula	C ₄ H ₈ N ₂ O ₃ · H ₂ O
Lot number	6Q010339
QC-release date	20.01.2016
Retest date	01.2021

Parameter	Specification	Analysis
Appearance	white crystalline powder or colorless crystals	white crystalline powder
Assay (titr.)	min. 99 %	99.54 %
α _{20°C/D} ; 10 %, 3 M HCl	+33.7° - +36°	+34.92°
Heavy metals (as Pb)	max. 0.001 %	< 0.001 %
Other amino acids	max. 0.5 %	< 0.5 %
Ammonium	max. 0.1 %	< 0.1 %
Chloride	max. 0.02 %	< 0.02 %
Sulfate	max. 0.02 %	< 0.02 %
A (1 cm/0.1 M in HCl)		
260 nm	max. 0.2	0.007
280 nm	max. 0.1	0.003

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

We hereby guarantee that this product was manufactured by a synthetic method, the raw material is not of animal origin and during the manufacturing process no material of animal origin is used.

This document has been produced electronically and is valid without a signature

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 Quality Control

The manufacture of this product is carried out with greatest care. We guarantee the above details secured by our QM system. The suitability for special applications is not guaranteed. The certificate of analysis does not release you from performing the standard control upon receipt of incoming goods.