Glentham LIFE SCIENCES

Glentham Life Sciences Ltd Unit 5 Leafield Way Corsham SN13 9SW United Kingdom

- t: +44 (0) 1225 667 798
- f: +44 (0) 2033 978 909
- e: info@glentham.com

w: www.glentham.com

Certificate of Analysis

Product Name Glentham Code	L-Asparagine monohydrate, EP grade GM3228				
CAS Number	5794-13-8		H	I ₂ O	0
EINECS	200-735-9		·	20	
MDL Number	MFCD00151038		H ₂ N		L .
Batch Number	623KNO			\sim	ОН
Molecular Weight	150.14			E SCIEN	CES
Molecular Formula	$C_4H_8N_2O_3 \cdot H_2$	20		NH	_
Storage Temp.	+20°C		Ũ		2
Property		Specification		Batch 623KNO	
Physical Description		White or almost white crystall colourless crystals	ine powder or	White crystallin	e powder
Identification		A, B, C according to EP		Conforms	
Solubility (2% in water)		Clear, colourless solution		Conforms	
pH (2% in water)		4.0 - 6.0		4.6	
Specific Optical Rotation		+33.7 - +36.0 ° (c=10, 3M HC	CI)	+35.4°	
Ninhydrin-positive substa	nces	≤ 0.5%		Conforms	
Chlorides		≤ 0.02%		Conforms	
Sulphates		≤ 0.02%		Conforms	
Ammonium		≤ 0.1%		Conforms	
Iron (Fe)		≤ 10ppm		Conforms	
Heavy Metals		≤ 10ppm		Conforms	
Sulphated Ash		≤ 0.1%		0.02%	
Loss on Drying		10.5 - 12.5 % (130°C, 3h)		12.0%	
Assay		99.0 - 101.0 % (dried substar	nce)	99.8%	

Specification Version	v1.0
Manufacture Date	2021-10-20
Re-Test Date	2030-02-21

Pharmacopoeia Specification(s)

Glentham Life Sciences confirm that the above referenced product conformed to the information displayed in this document on the quality release date. Please check www.glentham.com or contact us using the details above for the current version of this document.

Conforms

This document was generated electronically and is therefore valid without signature. © Glentham Life Sciences Ltd, 2024

EΡ