



CERTIFICATE OF ANALYSIS

Product : **ASPARAGINE MONOHYDRATE (L-)**
Product number : A0725
Batch number : 019316
Date of manufacturing : 26-02-2025
Expiry date : 29-02-2028

Packaging and storage : store at room temperature in a well-closed container

	SPECIFICATION	RESULT	UNITS
Appearance	white crystals or crystalline powder	complies	
pH	4.4 – 6.4	4.5	
Specific optical rotation	+34.3 – +36.5	+35.3	°
Loss on drying	11.5 – 12.5	11.98	%
Chloride (Cl)	≤ 0.020	< 0.02	%
Iron (Fe)	≤ 10	< 10	ppm
Transmittance	≥ 98.0	99.3	%
Sulphate (SO ₄)	≤ 0.020	< 0.02	%
Residue on ignition	≤ 0.10	0.02	%
Arsenic (As)	≤ 1	< 1	ppm
Heavy metals	≤ 10	< 10	ppm
Ammonium (NH ₄)	≤ 0.10	< 0.10	%
Assay	99.0 – 101.0	99.81	%

This certificate of analysis is conform the results of the manufacturer.

Conclusion: approved

Released by:

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Department of Quality Control Duchefa Biochemie B.V.

Date: 27-05-2025

The buyer is responsible to test each batch to ensure the product is suitable for their specific purpose.

Duchefa Biochemie B.V.

