



ANALYSIS CERTIFICATE

Lot/Analysis/Analysis N°: 233181

Product:	L-ARGININE HYDROCHLORIDE
Lot:	233181
Expiry date:	10/12/2025
Reference:	Cumple PhEur11.2
Synonyms:	
Formula:	C ₆ H ₁₄ N ₄ O ₂ ·HCl
Molecular weight:	210,66 g/mol

Assay	Result	Specification
Substances positive for ninhydrin test	Conform	
ASSAY (anhydrous vehicle PFP)	99,6 %	98,5 - 101,0 %
Heavy metals	<10 ppm	<= 10 ppm
Loss on drying	0,01 %	<= 0,5 %
Sulphated ashes	0,00 %	<= 0,1 %
Specific rotation	+22,6	(+21,0) - (+23,5)
Appearance of the S solution (5% acq.)	Conform	
Sulphates	< 300 ppm	<= 300 ppm
Ammonium	< 200 ppm	<= 200 ppm
Iron	< 10 ppm	<= 10 ppm
Identification	Conform (A,B,E)	Test RFE/Ph. Eur.
Organoleptic properties	Conform	RFE/Ph. Eur.

Organoleptic characteristics:

Conservation: In tightly closed containers. Protect from light.

Date of analysis: 28/07/2023

Judgement:
APPROVED

Responsible: M. Mesa

Technical director: Montserrat Enrique

Product	Name	Capacity	Batch
1104225	ARGININA-L CLORHIDRATO	100 g	233181-J-1
1104225	ARGININA-L CLORHIDRATO	100 g	233181-J-2
1104228	ARGININA-L CLORHIDRATO	1 kg	233181-P-1
1104228	ARGININA-L CLORHIDRATO	1 kg	233181-P-2

This certificate is not initialled as it is computer processed, it is validated with the originals available at Acofarma.

Original manufacturer's certificate available on request.

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