



ANALYSIS CERTIFICATE

Lot/Analysis/Analysis N°: 241578

Product:	L-ARGININE BASE
Lot:	241578
Expiry date:	09/08/2026
Reference:	Cumple PhEur11.5
Synonyms:	
Formula:	C6H14N4O2
Molecular weight:	174,20 g/mol

Assay	Result	Specification	
Identification	Conform (A,C)	Test RFE/Ph. Eur.	
Organoleptic properties	Conform	RFE/Ph. Eur.	
Appearance of the S solution (5% acq.)	Conform	Test RFE/Ph. Eur.	=
Sulphates	<=200 ppm	<= 300 ppm	=
Chlorides	< =200 ppm	<= 200 ppm	=
Iron	<=10 ppm	<= 10 ppm	=
Ammonium	<=200 ppm	<= 200 ppm	#
Specific rotation	+27,5 °	(+25,5°) - (+28,5°)	
Substances positive for ninhydrin test	Conform		#
Loss on drying (3h, 105°C)	0,04 %	<= 0,5 %	
Sulphated ashes	0,05 %	<= 0,1 %	=
Heavy metals	< =10 ppm	<= 10 ppm	=
Assay	99,9 %	98,5-101,0%	

Organoleptic characteristics:

Conservation: In tightly closed containers. In tightly sealed. Protect from light.

Date of analysis: 06/08/2024

Judgement:
APPROVED

Responsible: R. Masanas

Technical director: Montserrat Enrique

Manufacturer: F00220 SHANGHAI KYOWA AMINO ACID CO. LTD.

Manufacturer batch:

Product	Name	Capacity	Batch
1104208	ARGININA-L BASE	1 kg	241578-P-1
1104208	ARGININA-L BASE	1 kg	241578-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.

(#) Parameter controlled by the manufacturer

(=) UE certificate

ACOFARMA DISTRIBUCIÓN, S.A.

C/ Llobregat, 20 - 08223 Terrassa (Barcelona)

Tel./ 93-736.00.88

www.acofarma.com

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