



ANALYSIS CERTIFICATE

Lot/Analysis/Analysis N°: 233886

Product:	L-CYSTEINE
Lot:	233886
Expiry date:	28/10/2025
Reference:	Cumple PhEur11.3
Synonyms:	
Formula:	C ₆ H ₁₂ N ₂ O ₄ S ₂
Molecular weight:	240,3 g/mol

Assay	Result	Specification
Heavy metals	< 10 ppm	<= 10 ppm
Iron	< 10 ppm	<= 20 ppm
Sulphates	< 300 ppm	<= 300 ppm
Chlorides	< 200 ppm	<= 200 ppm
Ammonium	< 200 ppm	<= 200 ppm
Specific rotation	-222	(-218) - (-224)
Substances positive for ninhydrin test	Conform	<= 0,2%
Appearance of solution	Conform	
Individual impurities	<= 0,2 %	< = 0,2 %
Total impurities	< 0,5 %	< = 0,5 %
Assay	98,6 %	98,5-101,0%
Sulphated ashes	0,07 %	<= 0,1%
Loss on drying	0,02 %	<= 0,5 %
Organoleptic properties	Conform	RFE/Ph. Eur.
Identification	Conform (A,B)	Test RFE/Ph. Eur.

Organoleptic characteristics: White or almost white, crystalline powder. Practically insoluble in water and in ethanol (96 per cent). It dissolves in dilute solutions of alkali hydroxides.

Conservation: In tightly closed containers. Protect from light.

Date of analysis: 12/01/2024

Judgement:
APPROVED

Responsible: B. Chia

Technical director: Montserrat Enrique

Product	Name	Capacity	Batch
1119554	CISTINA-L Ph.Eur.	25 g	233886-G-1
1119554	CISTINA-L Ph.Eur.	25 g	233886-G-2
1119556	CISTINA-L Ph.Eur.	100 g	233886-J-1
1119556	CISTINA-L Ph.Eur.	100 g	233886-J-2

1119557	CISTINA-L Ph.Eur.	250 g	233886-N-1
1119557	CISTINA-L Ph.Eur.	250 g	233886-N-2
1119557	CISTINA-L Ph.Eur.	250 g	233886-N-3
1200126	CISTINA-L Ph.Eur.	1 kg	233886-P-1
1200126	CISTINA-L Ph.Eur.	1 kg	233886-P-2
1200126	CISTINA-L Ph.Eur.	1 kg	233886-P-3
1200127	CISTINA-L Ph.Eur.	50 g	233886-I-1
1200127	CISTINA-L Ph.Eur.	50 g	233886-I-2
1200127	CISTINA-L Ph.Eur.	50 g	233886-I-3

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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