



ANALYSIS CERTIFICATE

Lot/Analysis/Analysis N°: 233862

Product:	TARTARIC ACID POWDER
Lot:	233862
Expiry date:	30/11/2033
Reference:	Cumple PhEur11.2
Synonyms:	Acido L-(+)-tartárico. E-334.
Formula:	C ₄ H ₆ O ₆
Molecular weight:	150,09 g/mol

Assay	Result	Specification
Heavy metals	< 10 ppm	< = 10 ppm
Calcium	< 200 ppm	<= 200 ppm
Sulphates	< 150 ppm	<= 150 ppm
Chlorides	< 10 ppm	<= 100 ppm
Oxalic Acid (oxalate)	< 100 ppm	<= 360 ppm (anhidro)
Appearance of the S solution (10% water)	Conform	
Organoleptic properties	Conform	Ph. Eur.
Identification	Conform (A,B)	Test Ph. Eur. (A,B)
Assay (acid-base)	100,6 %	99,5-101,0%
Sulphated ashes	<= 0,02 %	<= 0,1 %
Loss on drying (105°C)	0,03 %	<= 0,2%
Specific rotation	Conform	(+12,0°) - (+12,8°)

Organoleptic characteristics:

Conservation: In tightly closed containers. Protect from light.

Date of analysis: 18/12/2023

Judgement:
APPROVED

Responsible: M. Mesa

Technical director: Montserrat Enrique

Product	Name	Capacity	Batch
1102666	ACIDO TARTARICO POLVO	250 g	233862-N-1
1102666	ACIDO TARTARICO POLVO	250 g	233862-N-2
1102666	ACIDO TARTARICO POLVO	250 g	233862-N-3
1102669	ACIDO TARTARICO POLVO	1 kg	233862-P-1
1102669	ACIDO TARTARICO POLVO	1 kg	233862-P-2
1102672	ACIDO TARTARICO POLVO	25 kg	233862-T-1
1102672	ACIDO TARTARICO POLVO	25 kg	233862-T-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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