



ANALYSIS CERTIFICATE

Lot/Analysis/Analysis N°: 170361

Product:	TARTARIC ACID POWDER
Lot:	170361
Expiry date:	01/03/2027
Reference:	Cumple PhEur9.0
Synonyms:	Acido L-(+)-tartárico. E-334.
Formula:	C ₄ H ₆ O ₆
Molecular weight:	150,09 g/mol

Assay	Result	Specification
Sulphated ashes	0,01 %	<= 0,1 %
Assay (acid-base)	99,7 %	99,5-101,0%
Identification	Conform (A,B)	Test Ph. Eur. (A,B)
Organoleptic properties	Conform	Ph. Eur.
Appearance of the S solution (10% water)	Conform	
Oxalic Acid (oxalate)	<= 360 ppm	<= 360 ppm (anhidro)
Chlorides	<= 100 ppm	<= 100 ppm
Sulphates	<= 150 ppm	<= 150 ppm
Calcium	<= 200 ppm	<= 200 ppm
Heavy metals	<= 10 ppm	< = 10 ppm
Specific rotation	+12,2°	(+12,0°) - (+12,8°)
Loss on drying (105°C)	0,09 %	<= 0,2%

Organoleptic characteristics:

Conservation: In tightly closed containers. Protect from light.

Date of analysis: 06/04/2017

Judgement:
APPROVED

Responsible: O. Vilaplana

Technical director: Carmen Bau

Product	Name	Capacity	Batch
1102666	ACIDO TARTARICO POLVO	250 g	170361-N-1
1102669	ACIDO TARTARICO POLVO	1 kg	170361-P-1
1102669	ACIDO TARTARICO POLVO	1 kg	170361-P-2
1102670	ACIDO TARTARICO POLVO (INACTIVO)	5 kg	170361-Q-1
1102670	ACIDO TARTARICO POLVO (INACTIVO)	5 kg	170361-Q-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.

ACOFARMA DISTRIBUCIÓN, S.A.
C/ Llobregat, 20 - 08223 Terrassa (Barcelona)
Tel./ 93-736.00.88
www.acofarma.com

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