

Ascorbic acid

CODE ARTICLE: 11649	BATCH: 0131634
TEST DATE: 20/05/2024	TEST: QC-00264499
EXPIRY DATE: 07/11/2026	FABRICATION DATE: 08/11/2023
CAS: [50-81-7]	MR: 176,13
FORMULA: C6H8O6	
STORAGE: Store in tightly closed containers in a cool, dry place.	

TEST	RESULTS	Units	MIN	MAX	METHOD
APPEARANCE	PASS -			Crystal powder	PH.EUR.*
COLOUR	PASS -			White	PH.EUR.*
MELTING POINT	191 °C			approx. 190	PH.EUR.
IDENTIFICATION					
IDENTIFICATION B (IR)	PASS				PH.EUR.*
IDENTIFICACION C (pH)	2,5 -		2,1	2,6	PH.EUR.*
DISSOLUTION ASPECT	PASS -			Clear and no more intensely coloured than reference solution BY7	PH.EUR.
SPECIFIC ROTATION	20,86 DEGREES		20,5	21,5	PH.EUR.
IMPURITY E	<0,2 %			0,2	PH.EUR.
RELATED SUBSTANCES					
IMPURITY C	PASS %			0,15	PH.EUR.
IMPURITY D	PASS %			0,15	PH.EUR.
TOTAL IMPURITIES	PASS %			0,2	PH.EUR.
UNSPECIFIED IMPURITIES	PASS %			0,1	PH.EUR.
COPPER	<2 ppm			2	PH.EUR.
IRON	<2 ppm			2	PH.EUR.
RESIDUE ON IGNITION	0,03 %		-	0,1	PH.EUR.
ASSAY	99,5 %		99	100,5	PH.EUR.
PH (2%)	2,7 -		2,4	2,8	Manufacture's Standard*
LOSS ON DRYING	0,05 %		-	0,4	Manufacture's Standard
HEAVY METALS	<3 ppm			3	Manufacture's Standard
ARSENIC	<1 ppm			1	Manufacture's Standard
LEAD	<1 ppm			1	Manufacture's Standard
CADMIUM	<1 ppm			1	Manufacture's Standard
MERCURY	<0,1 ppm			0,1	Manufacture's Standard
VOLATILE ORGANIC IMPURITIES	<3000 ppm			Methanol <= 3000	Manufacture's Standard
MICROBIOLOGICAL CONTROL					
TOTAL AEROBICS	<1000 UFC/G			1000	Manufacture's Standard
CORRECT BATCH	YES				Manufacture's Standard

The data expressed in this certificate of analysis is facilitated by our supplier and/or obtained in our control laboratory, in no case being exempted of the controls demanded by each sector. Tests marked with (*) are verified in Guinama.

Manufacturer Batch: 012311027 Manufacturer Code: 56800 Supplier Code: 405029

GUINAMA S.L. Calle Oslo, 3 46185 La Pobla de Vallbona (Valencia) Spain
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TEST	RESULTS	Units	MIN	MAX	METHOD
SAMPLING	COLLECT				Manufacture's Standard
SPECIFICATION	PH.EUR 11, USP 43, BP2021, FCC12, E300				Manufacture's Standard

NON-sterile



The product has been handled in NON-sterile rooms, therefore this product IS NOT STERILE

Silvia Sancho-Tello Ripoll
Technical Director.

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