



ACIDO CITRICO ANHIDRO GRANULAR (EUR. PH.)

PRODUCT CODE: 0053	CAS Nº: 77-92-9	ANALYSIS Nº: 054/25
MANUFACTURER BATCH:	CERTIFICATE ID: 45.427	
SUPPLIER BATCH: W0021907	MANUFACTURING DATE: 22/08/2024	
METAPH BATCH: 0070325	EXPIRY DATE: 31/08/2027	

ATTRIBUTES	SHOULD BE	IS
Appearance	White or almost white, crystalline powder, colourless crystals or granules	Colourless crystals (*)
Melting point	about 153 °C, with decomposition	153.1 °C (*)
Identification B	Complies	Complies (*)
Identification E	Complies	Complies (*)
Appearance of solution	Clear and colourless or not more intensely coloured than ref. sol. Y7, BY7 o GY7	Complies
Readily carbonisable substances	The solution is not more intensely coloured than a mixture of 1 mL red primary sol. and 9 mL of yellow primary sol.	Complies
Oxalic acid	=< 360 ppm	< 100 ppm
Sulfates	=< 150 ppm	< 100 ppm
Water	=< 1.0 %	0.1 % (*)
Sulfated ash	=< 0.1 %	0.08 % (*)
Assay	99.5 - 100.5 %	100.3 % (*)

COMPLIES WITH

European Pharmacopoeia 11.0

REMARKS

Citric Acid is subjected to the requirements of the ICH Q3D "Elemental Impurities" and the requirements of guides EMA/CHMP/ICH/82260/2006.

(*) Data controlled by Metapharmaceutical Industrial SL.

Certificates of residual solvents, allergens, non-GMO and BSE-TSE, are available upon request.

All methods of analysis are validated by official pharmacopoeias or are validated by internal methods of the manufacturer, which can be obtained at specific request. The above information does not exempt from the obligation to identify the product before use.

STORAGE

Store in closed containers in a well-ventilated place, away from heat and direct sunlight.

Analysis date: 12/03/2025

Signature: Cristina Borrell Olea (QA/QP)

Conclusion: Complies

Manufacturer: 40000545