



TECHNICAL DATA SHEET

0053-TDS-ENG-2025

ACIDO CITRICO ANHIDRO GRANULAR (EUR. PH.)		
DESCRIPTION DCI: CITRIC ACID		DESCRIPTION DOE: ÁCIDO CÍTRICO
CAS Nº: 77-92-9	EC Nº: 201-069-1	AEMPS CODE: ---
MOL. WEIGHT: 192,12	MOL. FORMULA: C ₆ H ₈ O ₇	ARTICLE CODE: 0053

ATTRIBUTES	SHOULD BE
Appearance	White or almost white, crystalline powder, colourless crystals or granules
Solubility	Very soluble in water, freely soluble in ethanol (96 %)
Melting point	about 153 °C, with decomposition
Identification B	Complies
Identification E	Complies
Appearance of solution	Clear and colourless or not more intensely coloured than ref. sol. Y7, BY7 or GY7
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.
Oxalic acid	=< 360 ppm
Sulfates	=< 150 ppm
Water	=< 1.0 %
Sulfated ash	=< 0.1 %
Assay	99.5 - 100.5 %

COMPLIES WITH

European Pharmacopoeia 11.0

STORAGE

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

REMARKS

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

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.