

SPECIFICATION

Citric Acid Anhydrous

THE QUALITY OF THE PRODUCT CONFORMS WITH ALL REQUIREMENTS OF:
BP/EP/USP/FCC/E330/IP/JSFA/FAO/WHO CCFAS Vol.4

Date issued: 01.2024
Last revision: 15.10.2024
Revision No.: 2

Chemical- / INCI Name:	Citric Acid Anhydrous
CAS No.:	77-92-9
Description:	Colourless or White Crystals or Powder
Formula:	C ₆ H ₈ O ₇
Mol. Wt.:	192.13
Material Group:	100847

ITEM	STANDARD
CHARACTERS	COLOURLESS TRANSLUCENT CRYSTALS OR AS WHITE, FINE, CRYSTALLINE POWDER
IDENTIFICATION	PASS TEST
CLARITY AND COLOUR OF SOLUTION	PASS TEST
CONTENT	99.5-100.5%
MOISTURE	≤0.5%
OXALATE/OXALIC ACID	≤100mg/kg
SULPHATE	≤150ppm
READILY CARBONISABLE SUBSTANCES	ABS ≤0.52 TRA ≥30 %
RESIDUE ON IGNITION (SULPHATED ASH)	≤0.05%
HEAVY METALS	≤10ppm
ARSENIC	≤1mg/kg
LEAD	≤0.5mg/kg
MERCURY	≤1mg/kg
ALUMINIUM	≤0.2ppm
ISOCIRIC ACID	PASS TEST
BARIUM	PASS TEST
CALCIUM	≤200ppm
IRON	≤50ppm
CHLORIDE	≤50ppm

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