
CITRIC ACID - SOLUTION FOR SPECIAL PURPOSES

Chemical formula C₆H₈O₇	rel. mol. weight 192.13 (100%)	CAS Nr. : 77-92-9 EINECS Nr.: 201-069-1
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Quality standard : P N D 5 0 - 5 1 6 - 0 4

The quality parameters correspond to BP2003 / USP27 / EurPh4 / E 330 standards .

Chemical and physical requirements

Quality parameter	Unit		Guaranteed value
Citric acid anhydrous	%	range	35,0 – 52,0
Appearance of solution		test	passes test of BP/EurPh
Heavy metals (as Pb)	%	max.	0,00025
Lead (Pb)	%	max.	0,00005
Sulphates (SO ₄)	%	test	passes test of USP
Oxalic acid (H ₂ C ₂ O ₄)	%	max.	0,005
Sulphated ash	%	max.	0,025
Arsenic (As)	%	max.	0,00005
Mercury (Hg)	%	max.	0,00005

Characteristics : Colourless transparent solution , of strongly acidic taste, odourless.

Packing : plastic containers / 500 l or other volumes per customer's instruction, bulk deliveries in tank trucks per 24 MT approx.

Storage terms : Store in indoor , dry warehouses free of chemical exhalations, in original or other suitable intact well-closed (leakproof and air-tight) containers. Recommended storage temperature + 5^o C through + 30^oC.

Hazard statements: H315 Causes skin irritation.
H319 Causes serious eye irritation.
H335 May cause respiratory irritation.

Precautionary statements: P280 Wear protective gloves/protective clothing/eye protection/face protection.
P305+351+338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337+313 If eye irritation persists: Get medical advice/attention.

Transport regulations : not classified as dangerous substance according to ADR/RID/GGVS/GGVE/IMDG/IATA/ICAO.