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CITRIC ACID MONOHYDRATE (CAM)

Chemical formula	*rel. mol. Weight*		
$C_6H_8O_7 . H_2O$	**210.14**		
		CAS Nr.	**5949-29-1**
		EINECS Nr.:	**2010691**

Quality standard : **P N D 5 0 - 6 0 0 - 0 4**

Below mentioned quality parameters comply with ***BP2003/EurPh4/USPXXVII/E330*** *standards.*

Chemical and physical requirements

Quality parameter	***Unit***		***Guaranteed value***
Citric acid	%		99,5 - 100,5
Appearance of solution	test		passes test
Heavy metals (as Pb)	%	max.	0,0005
Lead (Pb)	%	max.	0,0001
Sulphates (SO_4)	% / test	max.	0,015 / passes test of USPXXVII
Oxalic acid	%	max.	0,01
Readily carbonisable substances	test		passes test
Sulphated ash	%	max.	0,05
Water	%		7,5 - 8,8
Arsenic (As)	%	max.	0,0001
Mercury (Hg)	%	max.	0,0001

Characteristics: Colourless crystals or a white, crystalline powder. Very soluble in water, freely soluble in ethanol, sparingly soluble in ether.

Packing: 25 kg multiply paper bags with plastic inlay, on pallets with base dim. 80x120 cm, per 1000 kg, shrinkwrapped. Polyprophylene big bags 500 - 1000 kg on pallets 100 x 120 cm optionally available.

Storage terms: Store in indoor, dry warehouses free of chemical exhalations, in original intact packing. Recommended storage temperature + 5° C through + 30°C, recommended relative air humidity max. 75 %. Use within 24 months from the date of manufacture.

R / S phrases : R 36 S 24/25 .
Transport regulations: not classified as dangerous substance according to ADR/RID/GGVS/GGVE/IMDG/IATA/ICAO.