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**CITRIC ACID - SOLUTION FOR SPECIAL PURPOSES**

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Chemical formula <b>C<sub>6</sub>H<sub>8</sub>O<sub>7</sub></b>	rel. mol. weight <b>192.13 (100%)</b>	CAS Nr. : <b>77-92-9</b> EINECS Nr.: <b>201-069-1</b>
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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 .

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**Chemical and physical requirements**

<b>Quality parameter</b>	<b>Unit</b>		<b>Guaranteed value</b>
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 <sub>4</sub> )	%	test	passes test of USP
Oxalic acid (H <sub>2</sub> C <sub>2</sub> O <sub>4</sub> )	%	max.	0,005
Sulphated ash	%	max.	0,025
Arsenic (As)	%	max.	0,00005
Mercury (Hg)	%	max.	0,00005

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

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

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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° C through + 30°C.

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R / S phrases : R 36 S 24/25 .

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