

Product Data Sheet

Citric Acid
 Monohydrate (BP, USP, E 330)

No.	Item	Specification	Unit
1	Assay	99.5-100	%
2	Identity (IR-spectrum)	Passes test	-
3	Appearance of solution (200g/l, water)	Clear(≤ 3 NTU) and not more intense in color than reference solution Y ₇ , BY ₇ or GY ₇	-
4	Sulfate (SO ₄)	≤ 30	ppm
5	Heavy Metal (as Pb)	≤ 1	ppm
6	Al (Aluminum)	≤ 0.1	ppm
7	As (Arsenic)	≤ 0.2	ppm
8	Hg (mercury)	≤ 0.1	ppm
9	Pb (Lead)	≤ 0.2	ppm
10	Oxalates (as C ₂ H ₂ O ₄)	≤ 50	ppm
11	Residual solvents (ICH(Q ₃ C)	Excluded by manufacturing process	-
12	Readily carbonisable substance	Passes test	-
13	Sulfated ash (600°C)	≤ 0.05	%
14	Water according to karl fischer	7.5-8.8	%
15	Chloride	≤ 10	ppm
16	Bacterial endoxins	≤ 0.125	I.U/mg