

CITRIC ACID MONOHYDRATE

SPECIFICATION OF PRODUCT:

NO	ITEM	SPECIFICATION
1	Assay (acidimetric, calc. on anhydrous substance)	99.5 - 100.5 %
2	Identity (IR-spectrum)	passes test
3	Appearance	white to almost white or colorless crystals
4	Appearance of solution (200 g/l; water)	clear (≤ 3 NTU) and not more intense in color than reference solution Y ₇ , BY ₇ or GY ₇
5	In water insoluble matter	≤ 50 ppm
6	Chloride (Cl)	≤ 5 ppm
7	Phosphate (PO ₄)	≤ 10 ppm
8	Sulfate (SO ₄)	≤ 20 ppm
9	Heavy metals (as Pb)	≤ 5 ppm
10	Al (Aluminum)	≤ 0.2 ppm
11	As (Arsenic)	≤ 1 ppm
12	Hg (Mercury)	≤ 1 ppm
13	Cu (Copper)	≤ 5 ppm
14	Fe (Iron)	≤ 3 ppm
15	Fe (Iron, acc. to Reag. Ph Eur)	suitable to use in the limit test for iron

Desbro Trading Ltd
Satnam Road, Lot No.23F/5 Industrial Zone,
La Tour Koenig, Mauritius
Phone+260-6666
Email-dtl.mru@dtl.mu
www.dtl.mu

16	Pb (Lead)	≤ 0.5 ppm
17	Oxalates (as C ₂ H ₂ O ₄)	≤ 50 ppm
18	Readily carbonisable substance	passes test
19	Sulfated ash	≤ 200 ppm
20	Water (according to Karl Fischer)	7.5 - 8.8 %
Corresponds to ACS, ISO 6353/2, Reag. Ph. Eur.		

APPLICATION/USES: Used as an excipient in pharmaceutical preparations due to its antioxidant properties. It is also used preservative, acidulant to control pH and acts as anticoagulant by chelating calcium in blood.

PACK SIZE: 25KGS/BAGS

STORAGE: Store in its originally bottle or container undiluted.