CITRIC ACID ANHYDROUS I.P./B.P.

Other names: Citric Acid Anhydrous
Chemical formula: $C_6H_8O_7$
CAS # 77-92-9

Specification:

TESTS	REQUIREMENTS	
	I.P.	B.P.
Solubility:	Must Comply	Must Comply
Identification (A,B,C,E):	Must Comply (A,B,C)	Must Comply (B,E)
Appearance of Solution:	Must Comply	Must Comply
Arsenic:	N.M.T 1 PPM	-
Barium:	Must Comply	-
Calcium:	Must Comply	-
Heavy Metal:	N.M.T 10 PPM	-
Iron:	Must Comply	-
Chloride:	Must Comply	-
Sulphate:	Must Comply	N.M.T 150 PPM
Oxalic Acid:	Must Comply	N.M.T 360 PPM
Readily Carbonisable Substances:	Must Comply	Must Comply
Sulphated Ash:	N.M.T 0.1 % w/w	N.M.T 0.1 % w/w
Water:	N.M.T 1.0 % w/w	N.M.T 1.0 % w/w
Assay:	99.0 % - 101.0 % w/w	99.5 % - 100.5 % w/w

Applications:

a) Food

- o It is used as an acidulant in beverages and confectionary to adjust the pH level
- o It is used in beverages and foods to enhance flavor
- o It is used as an antioxidant in processing cheese.

b) Metallurgy

- o It is used as a sequestering agent to remove trace of metals.
- o It is used as a mordant to brighten colors; in special inks; in electroplating; in analytical chemistry.

c) Medicinal use

- o It is used as an anticoagulant, generally in solution with glucose, to prevent clotting of blood intended for transfusion.
- o It is used as an acidulant in effervescent salts, in pharmaceutical syrups, elixirs, in effervescent powders and tablets.

Package Size: 25 Kg

Note: Different package size available for bulk orders

Package Type:

HDPE woven bag with a food grade polyliner bag inside