



POTASSIUM CITRATE I.P./B.P.

Other names: Tri-Potassium Citrate Monohydrate

Chemical formula: $K_3C_6H_5O_7 \cdot H_2O$

CAS # 6100-05-6

Specification:

TESTS	REQUIREMENTS	
	I.P.	B.P.
Solubility:	Must Comply	Must Comply
Identification:	Must Comply	Must Comply
Appearance of Solution:	Must Comply	Must Comply
Acidity or Alkalinity:	Must Comply	Must Comply
Arsenic:	N.M.T 2 PPM	-
Heavy Metal:	N.M.T 10 PPM	-
Sodium (by AAS)	N.M.T 0.3 %	N.M.T 0.3 %
Chloride:	N.M.T 100 PPM	N.M.T 100 PPM
Sulphate:	N.M.T 150 PPM	N.M.T 150 PPM
Oxalate:	N.M.T 300 PPM	N.M.T 300 PPM
Readily Carbonisable Substances:	Must Comply	Must Comply
Water:	4.0 % - 7.0 % w/w	11.0 % - 13.0 % w/w
Assay:	99.0 % - 101.0 % w/w	99.0 % - 101.0 % w/w

Applications:

a) Foods

- o It is used as a buffering agent in soft drinks.

b) Medicinal Use

- o As it is an alkaline salt, it is effective in reducing the pain and frequency of urination when caused by highly acidic urine.
- o It is used to treat/manage gout and arrhythmia if the patient is hypokalemic.
- o It is used to treat urinary calculi (kidney stones) and is often used by patients with cystinuria.
- o It is used as an alkalizing agent in the treatment of mild urinary tract infections such as cystitis.

Package Size: 25 Kg

Note: Different package size available for bulk orders

Package Type:

HDPE woven bag with a food grade polyliner bag inside