



## MONO SODIUM CITRATE I.H.S.

Other names: Mono Sodium Citrate Anhydrous, 2-hydroxy-1,2,3-propanetricarboxylic acid mono sodium salt

Chemical formula:  $C_6H_7O_7Na$

CAS # 18996-35-5

### Specification:

TESTS	REQUIREMENTS
	IN-HOUSE (I.H.S)
Solubility:	Must Comply
Identification:	Must Comply
Clarity and Color of Soln.:	10 % w/v soln. is clear and colorless
pH (3% w/v soln.)	3.0 - 4.0
Arsenic:	N.M.T 3 PPM
Heavy Metal:	N.M.T 10 PPM
Chloride:	N.M.T 50 PPM
Sulphate:	N.M.T 150 PPM
Oxalate:	N.M.T 300 PPM
Readily Carbonisable Substances:	Must Comply
Alcohol soluble matter	Max. 3.0 %
Water content:	Max. 0.5 %
Assay:	99.0 % - 103.0 % w/w

### Applications:

#### a) Foods

- o It is used as a buffering agent especially where Citric Acid is overly aggressive for the preparation
- o It is less hygroscopic than Citric Acid, hence, less chances of caking.

#### b) Medicinal Use

- o It is easily soluble in water and practically insoluble in ethanol. It is used as an anticoagulant in donated blood.

### Package Size: 25 Kg

Note: Different package size available for bulk orders

### Package Type:

HDPE woven bag with a food grade polyliner bag inside