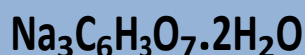




## Product Specification

### TRI SODIUM CITRATE FOR MOLECULAR BIOLOGY

<b>PRODUCT CODE</b>	<b>985400</b>
<b>SYNONYMS</b>	--
<b>C.I. NO.</b>	--
<b>CASR NO.</b>	(6132-04-3)
<b>ATOMIC OR MOLECULAR FORMULA</b>	$C_6H_5Na_3O_7 \cdot 2H_2O$
<b>ATOMIC OR MOLECULAR WEIGHT</b>	294.10
<b>PROPERTIES</b>	---



<b>PARAMETER</b>	<b>LIMIT</b>
Description	White crystals/crystalline powder.
Solubility	0.1 M solution in water is clear and colourless.
Minimum Assay(Non-aqueous)	99.50%
pH (0.1 M soln. in water)	7.5 – 9.0

#### MAXIMUM LIMIT OF IMPURITIES

Absorption of 0.1 M Soln. at $\lambda$ 260 nm	0.01
Absorption of 0.1 M Soln. at $\lambda$ 280 nm	0.01
Insoluble matter	0.003%
Chloride (Cl)	0.001%
Sulphate (SO <sub>4</sub> )	0.005%
Iron (Fe)	0.005%
Lead (Pb)	0.0005%
Dnase, Rnases, Proteases, Phosphatases	None detected.

**Note(s) : Assay (if applicable) method mentioned.**

#### WARNING

**Hazard statements :**Not hazardous. No hazards.

**Precautionary statements**

**Prevention: -----**

**Response: ---**

IMDG Code :

UN No. :

IATA :

**Disposal:** Dissolve the chemical to be disposed, in water and allow it to run to waste, diluting with large quantities of water.

Hazard Pictogram(s) :--