



# Product Specification

cdhfinechemical.com

## SODIUM CITRATE SOLUTION 3.8% W/V

**PRODUCT CODE** 891410

### Intended Use

Sodium citrate is used as anticoagulant to prevent blood from clotting.

### Principle And Interpretation

Sodium citrate is effective as an anticoagulant due to its mild calcium-chelating properties. Sodium citrate addition to blood prevents it from clotting. For coagulation tests like prothrombin time test and partial thromboplastin time test, sodium citrate is the anticoagulant of choice because factor V is relatively stable in citrated blood.

### PARAMETER

### LIMIT

Description	Clear and colourless liquid.
Solubility	Miscible with water.
Assay (as $C_6H_5Na_3O_7 \cdot 2H_2O$ ; Non-aqueous)	3.8 - 4.2% w/v
pH of (as such)	6.4 - 7.5

### Directions

1. Dispense 0.5 ml of sodium citrate into test tube.
2. Add 4.5 ml blood and mix gently by inversion of the stoppered tube.

### Results

Under high power magnification, count the cells in ruled area.

**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)** :--

Replace date 22-Dec-2023