



# Product Specification

cdhfinechemical.com

## POTASSIUM CHROMATE SOLUTION 5% CHLORIDE FREE

**PRODUCT CODE** 877100

### Intended Use

It is use for chloride estimation in urine sample.

### Principle And Interpretation

The chloride in the urine reacts with silver nitrate to precipitate as silver chloride. Any excess of silver nitrate reacts with potassium chromate to form a reddish precipitate of silver chromate, the appearance of which indicates the endpoint.

### PARAMETER

### LIMIT

Description	A lemon yellow coloured clear liquid
Solubility	Miscible with water.
Minimum assay	4.5 to 5.5%

### Directions

Place 10 drops of urine in a test tube and add 1 drop of 5% potassium chromate ( $K_2CrO_4$ ) solution as indicator. Add dropwise 2.9% silver nitrate with the same dropper until a permanent and distinct colour change to a red brown colour occurs.

### Results

The number of drops of silver nitrate required to produce the colour change (red) expresses the sodium chloride content of the urine in grams per litre.

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

### DANGER

**Hazard statements:** Toxic if swallowed. Very toxic to aquatic life.

### Precautionary statements

**Prevention:** Do not eat, drink or smoke when using this product. Wash hands thoroughly after handling.

**Response:** IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician. Specific treatment: refer to Label or MSDS.

IMDG Code : 6.1/III  
UN No. : 3287  
IATA : 6.1

**Disposal:** Dispose of contents and container in accordance with relevant legislation.

Hazard Pictogram(s) :



GHS06



GHS09

Replace Date 22-Dec-2023