



# Product Specification

cdhfinechemical.com

## PICRIC ACID SOLUTION 1.2% AR FOR DETERMINATION OF BLOOD GLUCOSE AND CREATININE

**PRODUCT CODE** 875900

### Intended Use

Picric Acid (Saturated, Aqueous) is used as solution for fungal testing.

### Principle And Interpretation

Fungus are eukaryotic organism and they are classified into two main groups that is yeast and molds. Its cell wall is made up of chitin. Fungal cells have both macroscopic as well as microscopic structure. Picric Acid (Saturated, Aqueous) is used as solution for fungal testing.

Wet mount preparation is the most widely used method of staining and observing fungi and is simple to prepare. Picric acid is one of the nitrophenols. It is 2,4,6-trinitrophenol. It has antibacterial as well as antifungal properties and stains the fungal spores and hyphae as pale to dark yellow coloured.

### PARAMETER

### LIMIT

Description	Clear yellow coloured solution.
Solubility	Miscible with water.
Picric Acid Content	About 1.2%

### Directions

1. Place a drop of Picric Acid on a clean and dry slide and place fungal culture in it. The stain imparts a yellow colouration on hyphae.
2. By using a nichrome inoculating wire, carefully tease the fungal culture into a thin preparation.
3. Place a coverslip on the preparation. Wait for about 5 minutes and observe first under microscope with low power for screening in low intensity.

### Results

Fungal spores and hyphae: pale to dark yellow.

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

### WARNING

**HAZARD STATEMENTS :** May cause drowsiness and dizziness. Causes mild skin irritation. Causes eye irritation. May cause allergic skin reaction.

### PRECAUTIONARY STATEMENTS :

**Prevention :** Contaminated clothing should not be allowed out of the workplace. Avoid breathing dust/fume/gas/mist/vapours/spray. Wash hands thoroughly after Handling .

**Response :** If skin irritation occurs, seek medical advice/attention. If skin irritation or rash occurs, seek medical advice/attention. If eye irritation persists, get medical advice/attention. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Specific treatment: refer to Label or MSDS. IF ON SKIN: Gently wash with plenty of soap and water. Wash contaminated clothing before reuse.

**Disposal :** Dissolve the chemical to be disposed, in water and allow it to run to waste, diluting with large quantities of water. The chemical should be mixed with combustible solvent and burnt in a chemical incinerator equipped with burner and scrubber.

IMDG Code :

UN No. :

IATA :

**Hazard Pictogram(s) :-**



GHS07

Replace Date 19-Dec-2023