

Mandal's throat paint

Aim: To prepare and dispense 20ml of throat paint .

Requirements: potassium iodide, iodine, alcohol, water, peppermint oil, Glycerin, beaker, glass rod.

Principle: Mandls throat paint is the solution of iodine in glycerin. Iodine and potassium iodide form complexes such as KI, KII, KII2 KII3..... . These poly iodides are more soluble in solvents like water, glycerin and hydro alcoholic mixture. These polyiodides because of high solubility keeps iodine in solution. Glycerin is used as vehicle in preparation to get a prolonged contact of medicament to the infected surfaces because of its high viscosity. Peppermint oil is used as flavor the throat paint and to keep it in sol little alcohol is added.

Procedure: Accurately weighed of potassium iodide was dissolve in water and iodine was added to it. The sol was stirred until iodine completely dissolves, then peppermint oil was added to alcohol in another container. Both the solution were mixed well make up to volume with glycerin then the throat pain was transferred to a clean wide mouth container.

Label:

Storage: stored in a cool place in a well closed container.

Category: Throat paint.

Special instruction: shake well before use.

Report:

S.no	Ingredients	Official quantity	Required quantity
1.	Potassium Iodide	5gm	
2.	Iodine	10.5gm	
3.	Alcohol(90%)	40ml	
4	Water	25ml	
5.	Peppermint oil	4ml	
6.	Glycerine	1000ml	

LABEL:

MANDAL'S THROAT PAINT	
Name:	Age:
Sex:	Ref.no:IP96
Date of dispensing:	
SHAKE WELL BEFORE USE	
Caution: Should'nt be swallowed in large quantities.	
Storage: Stored in a cool place in iodine resistant container.	
Prescribed by:	
Dispensed by:	
Address of pharmacy: VNIPS.	