TOP GLOVE SDN. BHD

WORK INSTRUCTION

Production Process Control Testing : Alkaline Test (Titration - CFC/FCL/FC3).

Purposes/Function/Objective

- to ensure the percentage of alkaline is within standard for rinse former.

Materials/ Chemicals/ Tools/Equipment

1) 0.1M $Na_2S_2O_3.5H_2O$ (Sodium Thiosulpate Hydrate)
2) Phenolphthalein
3) 50ml conical flask
4) Pipette
5) Cylinder
6) 0.1M HC l

Specification

- calculations:-

% of CFC = v x 0.16

Where is:
v = volume of 0.1M HCL Solution used(ml)

Form/s

- LA/F04

References :

- nil

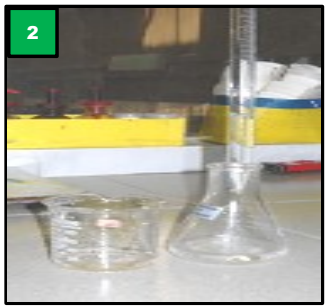
(Effective Date : 02/05/2011)

Procedures

1

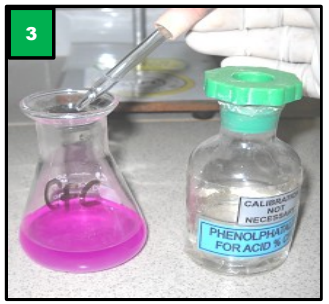
Put 25ml sample into measuring cylinder

2



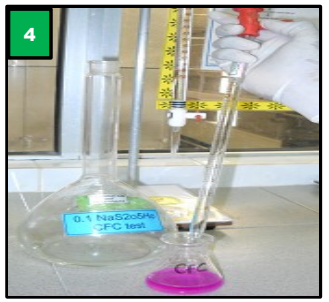
Transfer the sample into 50ml conical flask

3



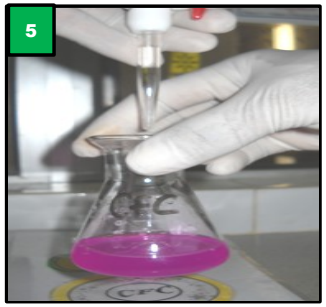
Add 3 drop of phenolphthalein indicator.

4



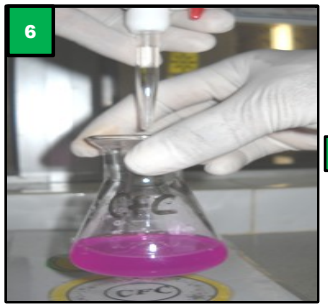
Add 1ml of 0.1M $Na_2S_2O_3.5H_2O$(Sodium Thiosulphate Hydrate)

5



Titrated the mixture with 0.1M HC l V)

6



End point:- Pink to colorless

7 **Calculation :**
% of CFC
= v x 0.16

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