TOP GLOVE SDN. BHD

WORK INSTRUCTION

Production Process Control Testing : Chlorine Test (Titration)

Purposes/Function/Objective

- To determine percentage of chlorine in chlorine tank

Materials/ Chemicals/ Tools/Equipment

1) Potassium Iodide
2) 0.1 M Sodium Thiosulphate
3) 25 ml Pipette
4) 100 ml conical flask

Specification

calculation:-

% Chlorine ppm =
V x 0.0142 x 10000

Where is:

V=Volume of $Na_2SO_2O_3$ solution required for titration ml

Form

- LA/F02

References :

- nil

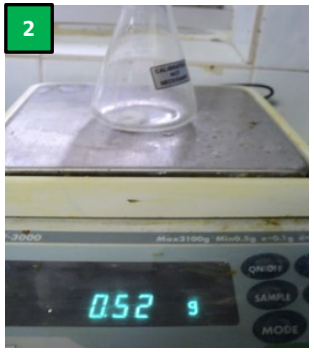
(Effective Date : 02/05/2011)

Procedures

1

Apparatus use for Chlorine test

2



Weigh 0.5g potassium iodide into conical flask.

3

Add (pipette) 25ml chlorine sample into the conical flask

4

Titrate with 0.1M of Sodium Thiosulphate ($Na_2SO_2O_3$)

5

End Point: Brown to colorless

6

Calculation :
%Chlorine ppm =
V x 0.0142 x 10000

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