TOP GLOVE SDN. BHD

WORK INSTRUCTION

Incoming Raw Chemical Testing : Caustic Soda Test (Titration)

Purposes/Function/Objective

- To determine the percentage of caustic soda of incoming chemical for IETS process.

Materials/ Chemicals/ Tools/Equipment

1. Phenolpthalein
2. HCL
3. Conical Flask
4. Pipette
5. Measuring Cylinder
6. Analytical balance

Specification

1) % of NaOH

= (N x v x 4) /w

where,

N= concentration of titrant
v = vol of titration required
w = weight of caustic soda

2)Caustic soda sample should test immediately because caustic soda is a hydroscopic chemical

Form/s:

- LA/F04
- LA/F12

References :

- nil

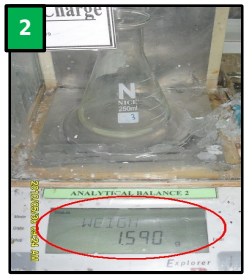
(Effective Date : 02/05/2011)

Procedures

1

Add 50ml of distilled/deionised water into conical flask.

2



Weigh (1.50 ± 0.050)gram of Caustic Soda into the conical flask.

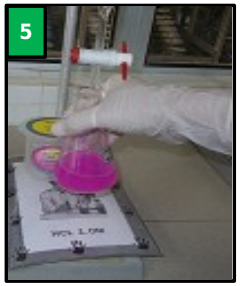
3

Rinse the side of conical flask with 25ml distilled/deionised water

4

Add 3-4 drops of phenolphthalein

5



Titrate with 1.0M HCl

6

End point : from pinkish to colourless

7

Calculation :
% of NaOH
=(N x v x A) / w

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