

TOP GLOVE SDN. BHD

Purposes/Function/Objective

To determine protein content in sample glove

Apparatus/Equipment

-Analytical balance

-Volumetric flask

Chemicals

-PBS tablet
-Sodium Carbonate
-NaOH pellets
-Sodium Tartarate
-Dye Solution Bromophenol Blue
-Folin Reagent
-Sodium Deoxycholate
-Trichloroacetic Acid
-Phosphotungstic Acid

Form/s

-LA/F22

Reference

-EN 455:3

(Effective Date : 02/05/2011)

QA Department

Finished Product Testing: Protein Test Method

1-Reagent Preparation (EN 455:3)

No	Reagent	Finalize Method
1	Extraction Buffer (PBS)	10 tablet until 1000 mL
2	Reagent A Alkaline Tartarate Solution	2.22 g Sodium carbonate 0.44g NaOH 0.18g Sodium Tartarate final volume : 100 ml
3	Dye Solution Bromophenol blue	100 mg in 1 L water
4	Reagent B Foline Reagent	1:1 water with Folin 50 ml Folin+50 ml Water
5	Sodium Deoxycholate (DOC) 0.15% m/V	dissolve 0.15g Sodium Deoxycholate final volume: 100 ml
6	Trichloroacetic Acid 72% m/V	72 g TCA final volume: 100 ml
7	Phosphotungstic Acid	72 g PTA final volume: 100 ml
8	0.2 M NaOH	0.2M

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