

## WORK INSTRUCTION

## Finished Product Testing : Powder Test for Powder Glove

Purposes/Function/Objective

- To determine percentage of powder in powder glove

Materials/ Chemicals/ Tools/Equipment

- Ruler
- Analytical balance
- flask
- Filter paper
- plastic beaker
- suction filter machine
- orbital shaker

Specification

Calculations:-

$$\% \text{ powder level in glove} = \frac{[E \times 1000 (\text{mg/pcs})]}{(L \times W) \times 0.0004}$$

where is:

A = weigh of filter paper

B = total weigh of filter

paper + powder after dry

C = total weigh of powder after drying = B - A

D = Average weigh of powder(g)

E = Powder weigh = D x 1000

L = Length of glove(cm)

W = Width of glove(cm)

Form/s

LA/F03

References :

- nil

Procedures

Measure length (L) & width (W) of glove.



Weigh the filter paper (A) to 4 decimal place.



Put the filter paper at the top of suction flask



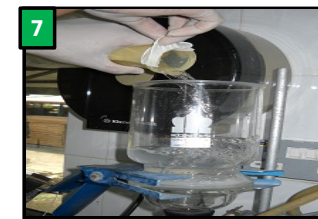
Fix glove at 1000 ml flask with 1-3 cm cuff is tucked out



Pour 250ml Distill water into the glove and 750ml Distill water into 1000ml recessed neck flask



Fix flask at orbital shaker. Agitate glove using orbital shaker, at 100 rpm for 30 seconds



Pour the water from inside and outside glove into suction filtration unit



Repeat step 4 and 5 using same water and same glove.



Dry the filter paper into oven 100oC for 1hour. Take out & put on desiccator for 30 minutes. Weigh the dried filter paper.(B)

10 calculation: % of powder level in glove

$$= \frac{[E \times 1000(\text{mg/pcs})]}{(L \times W) \times 0.0004}$$

Prepared by:

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(Effective Date : 02/05/2011)

## WORK INSTRUCTION

## Finished Product Testing : Powder Test for Powder Free Glove

Purposes/Function/Objective	Procedures													
<p>- To determine percentage of powder in powder free glove</p> <p><u>Materials/ Chemicals/ Tools/Equipment</u></p> <p>1) Ruler 2) Analytical balance 3) Flask 4) Filter paper 5) Plastic beaker 6) Suction Filter machine 7) Orbital Shaker</p> <p><u>Specification</u></p> <p>calculations of powder residue:- E (mg/pcs)  = (D-Blank)x1000</p> <p>whereby: A = weigh of filter paper B = total weigh of filter paper + powder after dry C = total weigh of powder after drying = B - A D = Average weigh of powder(g), C/5 E = Powder weigh</p> <p><u>Form/s</u></p> <p>- LA F14</p> <p><u>References :</u></p> <p>- nil</p>	<div><div>1</div></div> <div><p>Desiccate filter paper for 30 minutes. Weigh the filter paper (A), to 4 decimal place.</p></div> <div><div>6</div></div> <div><p>Pour the water from inside and outside glove into suction filtration unit. Repeat step 3,4,5 and 6 using another 4 gloves</p></div>	<div><div>2</div></div> <div><p>Put the filter paper at the top of suction flask</p></div> <div><div>7</div></div> <div><p>Dry filter paper on a glass dish in oven at 100oC for 1 hour. Desiccate for 30 minutes.</p></div>	<div><div>3</div></div> <div><p>Fix glove at 1000ml flask with 1-3 cm cuff is tucked out</p></div> <div><div>8</div></div> <div><p>Weight the dried filter paper (B), to 4 decimal place.</p></div>	<div><div>4</div></div> <div><p>Pour 250ml distilled water into the glove and 750 distilled water into 1000ml recessed neck flask</p></div> <div><div>9</div><div><p>Powder Weigh,E (mg/pcs)</p><p>= (D-Blank)x1000</p></div></div>	<div><div>5</div></div> <div><p>Fix flask at orbital shaker. Agitate glove using orbital shaker, at 100rpm for 30 seconds</p></div>									
<table><tr><td>Prepared by:</td><td>Verified by:</td><td>Approved by:</td></tr><tr><td>Noor Azura Binti Azman</td><td>Al-Fadilah Mohamad</td><td>Noor Akilah Saidin</td></tr><tr><td>QA/MQC Asst Supervisor</td><td>QA Executive II</td><td>QA Deputy General Manager</td></tr></table>						Prepared by:	Verified by:	Approved by:	Noor Azura Binti Azman	Al-Fadilah Mohamad	Noor Akilah Saidin	QA/MQC Asst Supervisor	QA Executive II	QA Deputy General Manager
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