

## TEST REPORT: 7191020164-CHM11-02A-TSL

Date: 17 NOV 2011

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### **SUBJECT**

Overall Migration Test for "Latex Powdered Gloves" Sample

### **CLIENT**

Top Glove Sdn Bhd  
Lot 4969, Jalan Teratai, Batu 6  
Off Jalan Meru  
41050 Klang  
Selangor D.E.  
Malaysia

Attn : Ms Siti Fatma Abd Karim

### **SAMPLE SUBMISSION DATE**

01 Nov 2011

### **DESCRIPTION OF SAMPLE**

One packet of glove sample labelled as follows was received.

1. Product Description : Latex Powdered Gloves – 19T

### **DATE OF ANALYSIS**

08 Nov 2011 – 17 Nov 2011

### **METHOD OF TEST**

The sample was analysed for the following tests according to Commission Regulation (EU) No 10/2011:

#### **1. Preparation of Test Specimen**

Only the exterior of the glove sample was performed for the test.



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**METHOD OF TEST** (cont'd)

**2. Overall Migration Content with Aqueous Food Simulant (10% Ethanol)**

According to BS EN 1186-7:2002 – Test Methods for overall migration into aqueous food simulants using a pouch.

**RESULTS**

**Table 1 : Overall Migration Content with Food Simulant for the “Latex Powdered Gloves-19T” Sample**

Type of Simulant	Testing Condition	Surface Area (dm <sup>2</sup> )	Volume of Extractant (ml)	Overall Migration (mg/dm <sup>2</sup> )	Commission Regulation (EU) No 10/2011 Requirement for Overall Migration Content (mg/dm <sup>2</sup> )
1. 10% Ethanol	40 °C, 2 hours	5.19	250	2.5	<10

Based on the above result, the “Latex Powdered Gloves-19T” sample meets the overall migration requirement under Commission Regulation (EU) No 10/2011 – “Plastic materials and articles shall not transfer their constituents to foodstuffs in quantities exceeding 10 milligrams of total constituents released per dm<sup>2</sup> of food contact surface (mg/dm<sup>2</sup>) (overall migration limit)”.



**MS TAN SER LING**  
TECHNICAL EXECUTIVE



**DR ZHANG YI**  
PRODUCT MANAGER  
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July 2011

