



CONSUMER PRODUCTS SERVICES DIVISION

## TECHNO SOURCE

<b>Technical Report:</b>	<b>(5211)154-0574(A)</b>	June 09, 2011
Date Received:	June 07, 2011	Page 1 of 4
Sample Description:	20Q ASSORTMENT 1.) RED 2.) BLUE 3.) FUCHSIA	
Vendor:	N/A	Sample Size: 51
Manufacturer:	On File	Style No(s): 1061, 1062, 1063
Buyer:	N/A	SKN/SKU No.: N/A
Labeled Age Grade:	6+	PO No.: N/A
Appropriate Age Grade:	OVER 6 YEARS OF AGE	Ref #: N/A
Client Specified Age Grade:	NOT SPECIFIED	Country of Origin: CHINA
Tested Age Grade:	OVER 6 YEARS OF AGE	Assortment No.: (1060)
UPC Code:	801561010619, 801561010626, 801561010633	

### EXECUTIVE SUMMARY:

The sample(s) MEET the following requirement(s):

- The cadmium content requirement of the European Regulation (EC) No. 1907/2006 of the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), Annex XVII concerning the Restrictions on the manufacture, placing on the market and use of certain dangerous substances, preparations and articles, Item no. 23.\*

BUREAU VERITAS HONG KONG LIMITED

Lai Ka Yan, Margaret  
Manager  
Chemical Department

ML/eo

\*: Regulation (EC) No. 1907/2006 replaces Directive 76/769/EEC (including the 10<sup>th</sup> amendment for cadmium – 91/338/EEC). Directive 76/769/EEC was therefore repealed with effect from 1 June 2009. All the restrictions developed under Directive 76/769/EEC should be incorporated into Regulation (EC) No.1907/2006.

**RESULTS:**

**CADMIUM CONTENT (European Regulation (EC) No. 1907/2006 REACH Annex XVII, Item no. 23)**

Category:				Plastics			
Element:				Cadmium			
Test Method				BS EN 1122: 2001, Method B			
Maximum Allowable Limit:				100 mg/kg (0.01% by weight)			
Sample Description				Reading 1	Reading 2	Average	Conclusion
Color / Component	Location	Style	Result (mg/kg)				
(A)	Black printed yellow PV	Wire	1-3	LT 10	LT 10	LT 10	Pass
	Black printed orange PVC	Wire	1-3				
	Black printed green PVC	Wire	1-3				
(B)	Black printed red PVC	Wire	1-3	LT 10	LT 10	LT 10	Pass
	White printed black PVC	Wire	1-3				
(C)	Green plastic	Sound module	1-3	LT 10	LT 10	LT 10	Pass
	Bright clear plastic	Sound module	1-3				
	Matt black plastic	Switch	1-3				
	Clear plastic	Inner body	1-3				
(D)	Grey / black soft plastic	Inner of screen	1-3	LT 10	LT 10	LT 10	Pass
	Clear adhesive tape	Inner body	1-3				
	Flat clear plastic	Loop on battery compartment	1-3				
(E)	Dull clear plastic / silver plastic / dull clear black plastic	Film of screen	1-3	LT 10	LT 10	LT 10	Pass
	Translucent soft plastic	Inner screen	1-3				
(F)	Red plastic	Body & button	1	LT 10	LT 10	LT 10	Pass
	Blue plastic	Body & button	2				
	Pink plastic	Body & button	3				
	Clear black plastic	Screen	1-3				
(G)	Clear red plastic	Body	1	LT 10	LT 10	LT 10	Pass
	Clear pink plastic	Body	3				
	Clear blue plastic	Body	2				
	Bright clear plastic	Led	1-3				

LT = Less than  
 # = Insufficient sample for duplicate analyses

mg/kg = milligrams per kilogram (ppm = parts per million)  
 Operator: Chan Sai Kit, Tim



**RESULTS:**

**CADMIUM CONTENT (European Regulation (EC) No. 1907/2006 REACH Annex XVII, Item no. 23)**

Category:			Paints		
Element:			Cadmium		
Test Method:			In house acid digestion		
Maximum Allowable Limit:			100 mg/kg (0.01% by weight)		
Test Component			Result (mg/kg)	Conclusion	
Colour/Component	Location	Style			
(A)	Black / pink / blue / dark pink coating	Logo & date code	1-3	LT 10	Pass
(B)	Bright white coating	Inner body	1-3	LT 10	Pass

*LT = Less than*

*\* = Average of duplicate analyses*

*mg/kg = milligrams per kilogram (ppm = parts per million)*

**RESULTS:**

