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**Laboratory #:** 564798-11  
**Report Date:** January 11, 2011  
**Received Date:** January 7, 2011

**Attention:** Prem Singh

**CERTIFICATE OF ANALYSIS**

**RE: ANALYSIS FOR PHTHALATES CONTENT**

**1.0 INTRODUCTION**

On January 7, 2011, CMTL received one (1) sample to be analyzed for Phthalate content.

The submitted sample was identified as follows:

CMTL #	Sample Description
564798	Lacquer On Board

**1.1 TEST PERFORMED**

**1- Phthalate Content**, as per Health Canada, Method C-34 (modified), using a Gas Chromatograph equipped with a Mass Detector in accordance with U.S. Consumer Product Safety Improvement Act.

-Maximum level of 0.1% of each of the phthalates (DEHP, DBP, BBP, DINP, DnOP & DIDP)

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Cambridge Materials Testing Limited

Per Steve Brown QUALITY ASSURANCE  
Per Marciano Rodriguez TECHNICIAN



2.0 TEST RESULTS

RESULTS CONTINUED

Phthalate Content Analysis

The submitted sample was dissolved in Tetrahydrofuran (THF) solvent and precipitated in Hexanes/Cyclohexane mixture, then analyzed as per Health Canada, Method C-34 (modified), using a Gas Chromatograph equipped with a Mass Detector in accordance with U.S. Consumer Product Safety Act. The results are illustrated in the following table:

<u>SAMPLE</u>				
564798		Lacquer On Board		
<u>PARAMETER</u>		<u>RESULT</u> (% w/w)	<u>REPORTING</u> <u>LIMIT</u> (%w/w)	<u>METHOD</u>
di-(2-ethylhexyl) phthalate	(DEHP)	Not Detected	<0.01	C-34 (modified)
dibutyl phthalate	(DBP)	Not Detected	<0.01	C-34 (modified)
benzyl butyl phthalate	(BBP)	Not Detected	<0.01	C-34 (modified)
diisononyl phthalate	(DINP)	Not Detected	<0.04	C-34 (modified)
diisodecyl phthalate	(DIDP)	Not Detected	<0.01	C-34 (modified)
di-n-octyl phthalate	(DnOP)	Not Detected	<0.01	C-34 (modified)
U.S. Consumer Product Safety Act Specification			0.1 max	<b>The sample complies with the Specification</b>



**2.0 TEST RESULTS**

**Total Lead Content Analysis**

The submitted samples were individually ashed at 550°C, later digested in Aqua Regia and analyzed for Lead content using an Inductively Coupled Argon Plasma (ICAP) Spectrometer as per ASTM D1976-07 (modified).

<u>CMTL #</u>	<u>Sample Description</u>	<u>Lead (Pb)</u> <u>(ppm)</u>	<u>Compliant</u> <u>16 C.F.R. 1303</u> <u>(300 ppm Max.)</u> <u>(Pass / Fail)</u>
563293-1	<b>Chair- (Lacquer Coating)</b>	<10	<b>Pass</b>
563293-2	<b>Plastic Bowl</b>	<10	<b>Pass</b>



RESULTS CONTINUED- (Phthalate Content Analysis)

<u>SAMPLE</u>				
563293-2		Plastic Bowl		
<u>PARAMETER</u>		<u>RESULT</u> (% w/w)	<u>REPORTING</u> <u>LIMIT</u> (%w/w)	<u>METHOD</u>
di-(2-ethylhexyl) phthalate	(DEHP)	Not Detected	<0.01	C-34 (modified)
dibutyl phthalate	(DBP)	Not Detected	<0.01	C-34 (modified)
benzyl butyl phthalate	(BBP)	Not Detected	<0.01	C-34 (modified)
diisononyl phthalate	(DINP)	Not Detected	<0.04	C-34 (modified)
diisodecyl phthalate	(DIDP)	Not Detected	<0.01	C-34 (modified)
di-n-octyl phthalate	(DnOP)	Not Detected	<0.01	C-34 (modified)
U.S. Consumer Product Safety Act Specification			0.1 max	<b>The sample complies with the Specification</b>