



GRATNELLS LTD  
8 HOWARD WAY  
HARLOW  
ESSEX  
CM20 2SU

Attn: Robin Wass

**Test Report No. BTO 157018/1**

**Issue Date: 5<sup>th</sup> March 2012**

The following sample was submitted and identified by the client as:

**Sample Name:** Storage Trays

**Sample Description:** Two red plastic storage trays

**Date of Receipt:** 16<sup>th</sup> February 2012

**Testing Period:** Testing conducted between 27<sup>th</sup> February 2012 and 1<sup>st</sup> March 2012.

**Testing Requested:** Phthalate Content For Compliance with Public Law 110-314 (Consumer Product Safety Improvement Act of 2008, CPSIA)  
*(Please note that this testing was subcontracted to another laboratory with the SGS Group of Companies)*

**Test Method:** With reference to CPSC-CH-C1001-09.3. Analysis was performed by Gas Chromatography / Mass Spectrometry.

**Test Results:** See page 2 for details

**Conclusion:** The level of the six phthalates did not exceed the limits specified by CPSIA section 108-Phthalates.

Signed for and on behalf of  
SGS United Kingdom Ltd.

Chris Walker, BSc (Hons)  
Senior Technologist

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**Results:**

**Phthalates**

Method: With reference to CPSC-CH-C1001-09.3. Analysis was performed by Gas Chromatography/Mass Spectrometry.

Concentration of phthalates in components of toys that can be place in the mouth or childcare article

	Results (%)	Permissible Limit Per component
	1	
Dibutyl Phthalate (DBP)	ND	0.1%
Benzylbutyl Phthalate (BBP)	ND	0.1%
Bis-(2-ethylhexyl) Phthalate (DEHP)	ND	0.1%
<b>Conclusion</b>	<b>Pass</b>	-

	Results (%)	Permissible Limit Per component
	1	
Di-n-octyl Phthalate (DNOP)	ND	0.1%
Diisononyl Phthalate (DINP)	ND	0.1%
Diisodecyl Phthalate (DIDP)	ND	0.1%
<b>Conclusion</b>	<b>Pass</b>	-

**Sample Details:**

1. Red plastic from storage tray

Note: N.D. = Not Detected  
 % = percentage by weight  
 1% = 10000ppm (mg/kg)  
 Method Detection Limit fro each of DBP, BBP, DEHP and DNOP = 0.003% (0.015% by CPSC method)  
 Method Detection Limit for each of DINP and DIDP = 0.01% (0.015% by CPSC method)  
 Results presented in this table are the calculated results based on the above tested components. The calculation is based on the worst case estimation and the result is calculated by consideration of the weight contribution of the tested components to the whole product.

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\*\*\* End of Report \*\*\*

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