



CHESTNUT PRODUCTS
 PO BOX 260
 STOWMARKET
 IP14 9BX

Attn: Terry Smart

Test Report No. BTO 240508/1

Issue Date: 22nd June 2017

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

Sample Name: Chestnut Products Microcrystalline Wax
Sample Description: Metal container with prise-off lid, nominal contents 225 ml.
Sample Submitted: 2nd June 2017
Testing Period: Testing conducted on 22nd June 2017
Testing Required: Although this item is not a toy SGS was requested to test for compliance with the European Standard on Safety Of Toys

Result:

BSEN 71-3:2013+A1:2014
(Item tested as category 3 at request of client)

Pass

Conclusion: The submitted samples as detailed above, complied with the requirements as listed above.

Signed for and on behalf of
 SGS United Kingdom Ltd.



.....
 Chris Walker, BSc (Hons)
 Technical Manager

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APPENDIX

BSEN 71-3:2013+A1:2014 Migration of Certain Elements

Method: With reference to BSEN 71-3:2013+A1:2014

Analysis of general elements was performed by ICP-MS. Category (III) scraped off toy material.

Adjusted Analytical Results: Results Quoted as mg of soluble element per Kg material.

	Category Limits			Sample Reference
	I	II	III	1
Aluminium (Al)	5625	1406	70000	<50
Antimony (Sb)	45	11.3	560	<1
Arsenic (As)	3.8	0.9	47	<0.15
Barium (Ba)	1500	375	18750	<50
Boron (B)	1200	300	15000	<50
Cadmium (Cd)	1.3	0.3	17	<0.15
Chromium (Cr)	-	-	-	<0.003
Chromium (III) (Cr (III))	37.5	9.4	460	Not Conducted#
Chromium(VI) (Cr (VI))	0.02	0.005	0.2	Not Conducted#
Cobalt (Co)	10.5	2.6	130	<1
Copper (Cu)	622.5	156	7700	<5
Lead (Pb)	13.5	3.4	160	0.19
Manganese (Mn)	1200	300	15000	<50
Mercury (Hg)	7.5	1.9	94	<0.25
Nickel (Ni)	75	18.8	930	<50
Selenium (Se)	37.5	9.4	460	<1
Strontium (Sr)	4500	1125	56000	<50
Tin (Sn)	15000	3750	180000	<0.1
Organic Tin	0.9	0.2	12	Not Conducted*
Zinc (Zn)	3750	938	46000	<50

Results of Analysis – PASS

Sample Ref:	Sample Description & Location	Category		
		I	II	III
1.	Microcrystalline Wax			✓

Note: coating was prepared on smooth insert substrate and dried before sampling.

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Note : - mg/kg = milligram per kilogram
 - 1% = 10000 mg/kg = 10000 ppm

- # Levels of Soluble Chromium (III) & Chromium (VI) were not separately determined.

The level of Soluble Chromium detected on samples did not exceed the stricter limit for Chromium (VI) as specified in BSEN 71-3:2013+A1:2014.

- ^ The level of Soluble Organic Tin was not determined.

The level of Soluble Tin, after conversion, detected on samples did not exceed the stricter limit for Organic Tin as specified in BSEN 71-3:2013+A1:2014.



SGS authenticate photo on original report only

*** End of Report ***

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