



THE LABORATORY
AT THE BIRMINGHAM
ASSAY OFFICE

P.O. BOX 151 NEWHALL STREET
BIRMINGHAM B3 1SB ENGLAND

TELEPHONE: +44 (0)121 236 6951
FACSIMILE: +44 (0)121 236 3228

www.theassayoffice.co.uk
testing@theassayoffice.co.uk

Ian West
Ecos Paints
Unit 19
Heysham Business Park
Heysham
Lancashire
LA3 3PP

Test Report

Ref: 71971	Date work reported: 21 September 2009
Page: 1 of 2	Date work received 14 September 2009

Method:	The procedures described in BS EN 71-3: 1995 incorporating Amendment No. 1 and Corrigendum No. 1, EN 71-3: 1994 inc. Amendment A1 – Specification for migration of certain metals
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Sample Description:

Sr No.	Test	Results
1	Odourless Solvent-free Organic Paints	PASS

Measurement of migration of certain elements by ICP-OES analysis

Clause	Test
8.1	Coating of paints, varnish and similar coatings
8.2	Polymeric and similar materials, whether textile reinforced or not, but excluding other textile
8.3	Paper and paper board
8.4	Textile, whether natural or synthetic
8.5	Glass/Ceramic/Metallic Material
8.6	Other materials whether mass coloured or not
8.7	Material intended to leave trace
8.8	Pliable modelling materials, including modelling clays and gels
8.9	Paints, including finger paints and similar materials in solid or liquid form appearing as such in the toys

- All samples were adjusted to 1mol/l if kept for more than the working day.



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Materials Sampled (and sample weight if less than 100mg)

Sample No.	Description	Weight (mg)
Odourless Solvent-free Organic Paints		
1	Red (Clause 8.1)	
2	Blue (Clause 8.1)	
3	Green (Clause 8.1)	
4	Yellow (Clause 8.1)	

Results:

Element	Results (mg/kg) Corrected in accordance with clause 4.2				Limits mg/kg	Method
	1	2	3	4		
						ICP Technique
Arsenic	<10	<10	<10	<10	25	ICP Technique
Mercury	<10	<10	<10	<10	60	ICP Technique
Selenium	<10	<10	<10	<10	500	ICP Technique
Barium	<20	<20	<20	<20	1000	ICP Technique
Lead	<10	<10	<10	<10	90	ICP Technique
Antimony	<10	<10	<10	<10	60	ICP Technique
Chromium	<10	<10	<10	<10	60	ICP Technique
Cadmium	<10	<10	<10	<10	75	ICP Technique

Remarks: Sample weight of items marked with a ~ were less than 100mg. The toxic metal content has been calculated as though the sample weight were 100mg in accordance with Clause 8.1.1.

Conclusion: The results of the test carried out MEET the requirements of the requested standard.

J. Tsang BSc, C.CHEM, MRSC
Analytical Chemist

H. Singh BSc, C.CHEM, MRSC
Senior Analytical Chemist