

Report Number: 2017-753-1759

**Prepared for:** Irwins Quality Aggregates Ltd  
55 Gortgonis Road  
Coalisland  
Co Tyrone  
BT71 4QG

**Sample described as:** **Play Sand**

**No. of samples:** 1                      **Reference number(s):** 6032  
**Date received:** 30/06/17              **Date(s) tested:** 06/07/17-20/07/17  
**Declared age grade:** Not stated      **Packaging:** None  
**Client specified age grade:** Not stated

I **certify** that the above mentioned sample has been tested in accordance with the standard(s) specified below and that it complies or otherwise as follows:

<b>EN 71-3:2013+A1:2014</b>	<b>Complies</b>
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Please see attached report AR-17-JR-013742-02 for report details



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Claire Francis  
Senior Analytical Services Manager

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Gillian Kay  
Analytical Services Manager

Date: 21<sup>st</sup> July 2017



Subcontracted to an ILAC accredited laboratory within Eurofins  
The reported results relate exclusively to the tested sample

**Eurofins Product Testing Services Limited**  
Dunham House, Cross Street,  
Sale, M33 7HH  
Tel: +44 (0)161 868 7600  
Fax: +44 (0)161 868 7699

**Registered Office:**  
i54 Business Park, Valiant Way  
Wolverhampton, WV9 5GB  
Registration Number: 7401660  
Vat Number: 887 1276 83

Appendix 1 to report no: AR-17-JR-013742-02  
Sample no: 799-2017-00109892

**Photo:**



Appendix 1 to report no: AR-17-JR-012337-01

Sample no: 799-2017-00108135

Page 3 of 4

**JR0EP - EN 71-3:2013 + A1:2014 Safety of Toys - Migration of certain 19 elements (##)**

 Limits of element migration from accessible parts of toy material  
 All figures quoted as mg soluble element per kg material

Element	B	Al	Cr(III) Cr(VI)	Mn	Co	Ni	Cu	Zn	As	Se	Sr	Cd	Sn	Organic tin	Ba	Hg	Pb	Sb
Limits Category I (dry, brittle, powder like, pliable) mg/kg	1200	5625	37,5 0,02	1200	10,5	75	622,5	3750	3,8	37,5	4500	1,3	15000	0,9	1500	7,5	13,5	45
Limits Category II (liquid, sticky) mg/kg	300	1406	9,4 0,005	300	2,6	18,8	156	938	0,9	9,4	1125	0,3	3750	0,2	375	1,9	3,4	11,3
Limits Category III (scraped-off) mg/kg	15000	70000	460 0,2	15000	130	930	7700	46000	47	460	56000	17	180000	12	18750	94	160	560
Description of sample	Results of analysis																	
A Play sand Cat I <input checked="" type="checkbox"/> Cat II <input type="checkbox"/> Cat III <input type="checkbox"/>	0,17	190	0,3 <0,02*	93	0,35	0,59	1,1	<0,25*	0,14	<0,5*	17	<0,05*	<0,08*	<0,9	16	<0,05*	0,6	<0,25*

\* Limit of quantification

Chrom (VI): Metrohm: 930 Compact IC flex

## - Eurofins Consumer Product Testing (Hamburg) is accredited for this test except for Cr (III) and Cr (VI)

Test results and evaluation relate to the tested items only.

Tested by: KBe

Date: 2017-07-11

Appendix 1 to report no: AR-17-JR-012337-01

Sample no: 799-2017-00108135

Page 4 of 4

**Analytical details (EN 71-3 clause 10)**

10f Technique used: Inductively coupled plasma

 10h Notes for individual sample portions -  
 the following notes apply to the samples indicated and referenced above:

	Applicable samples:
Between 10 and 100mg taken:	
Sample/volume ratio exceeds 1:50:	
Base material included:	
Samples sieved:	
2M HCl added:	
6M HCl added:	
n-heptane used:	
Samples centrifuged:	
Specimens adjusted to 0.3M:	
Less than 10mg present:	
Others:	

\*\*\*END OF REPORT\*\*\*