



TESTING OF SAMBA MATCH GOAL (G6020) TO EN 71 SAFETY OF TOYS PARTS 1 AND 3

CLIENT	Sambasports
CLIENT ADDRESS	Walton Street Colne Lancashire BB8 0EN
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REPORT NUMBER	LSUK.15-0511/C	
REPORTED BY		James Blackburn Technical Director
APPROVED BY		Dr Colin Young Managing Director

SUMMARY OF REPORT / FINDINGS	<p>Testing of Samba Match Goal Locking (G6020) has been tested in accordance with EN 71 Safety of Toys</p> <p>All goals were found to meet the requirements of EN 71-1 and EN 71-3</p>
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<p>SCOPE OF TESTING</p>	<p>Determination of the mechanical and physical properties of toys in accordance with EN 71-1:2014</p> <p>Determination of migration of certain elements in accordance with EN 71-3:2013+A1:2014</p>
<p>TEST PROCEDURE/STANDARDS</p>	<p>EN 71-1:2014 Mechanical and Physical Properties EN 71-3:2013+A1:2014 Migration of Certain Elements</p>
<p>PRODUCT DETAILS / DESCRIPTION</p>	<p>Samba Match Goal Locking (G6020) 2.5m x 1.5m</p>
<p>TEST CONDITIONS</p>	<p>The test samples were tested at 23 ± 2 °C and 50 ± 10 % relative humidity and conditioned for a minimum of 24 hours prior to testing commencement.</p>

<p>Report Number</p>	<p>LSUK.15-0511/C</p>	<p>Page 2 of 5</p>
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TEST RESULTS EN71-1 MECHANICAL AND PHYSICAL PROPERTIES

Clause	Details	Result
4.1	Material	Pass
4.2	Assembly	Pass
4.7	Edges	Pass
4.8	Points and Wires	Pass
4.16	Heavy Immobile Toys	Pass
5.0	Toys intended for Children under 36 months	n/a
6.0	Packaging	Pass
7.1	General Requirements	Pass
7.2	Toys not intended for Children under 36 months	Pass

TEST RESULTS EN71-3 MIGRATION OF CERTAIN ELEMENTS

Sample	Elements (see table below for limits)																		Result	
White tube (PL68280)	3.7	<0.5	<0.5	0.6	1.0	<0.5	0.9	0.65	0.25	<0.5	3.9	<0.5	<0.5	<0.5	10.0	<0.5	0.6	<0.5	5.4	Pass
White Re Clip (PLC68150)	6.0	<0.5	<0.5	7.4	1.0	<0.5	<0.5	<0.5	<0.2	<0.5	1.0	<0.5	<0.5	<0.5	3.8	<0.5	<0.5	<0.5	3.2	Pass
White corner with clip (CORN05A)	28.5	<0.5	<0.5	3.4	0.5	<0.5	<0.5	<0.5	<0.2	<0.5	1.4	<0.5	0.7	<0.5	2.7	<0.5	3.2	<0.5	3.8	Pass
connector with clip (CONN09)	1.8	<0.5	<0.5	1.0	0.5	<0.5	1.3	1.1	<0.2	<0.5	1.6	<0.5	<0.5	<0.5	8.5	<0.5	<0.5	<0.5	4.1	Pass
Tension bar set (TENBAR8X6)	4.6	1.3	<0.5	<0.5	0.5	<0.5	<0.5	<0.5	<0.2	<0.5	0.9	<0.5	<0.5	<0.5	2.9	<0.5	<0.5	<0.5	3.2	Pass
Net (NET02)	2.8	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	<0.5	1.5	<0.5	<0.5	<0.5	1.1	<0.5	<0.5	<0.5	2.4	Pass
Samba Quick Clip (QUICKCLIP110)	1.1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	<0.5	1.0	0.8	<0.5	<0.5	0.8	<0.5	<0.5	<0.5	<0.5	Pass
Ground Anchor (ANCHOR01)	16	<0.5	<0.5	<0.5	<0.5	<0.5	2.3	1.95	0.35	<0.5	0.6	1.1	11.0	<0.5	1	<0.5	<0.5	<0.5	275 5	Pass

Element	Migration limit		
	Category I mg/kg	Category II mg/kg	Category III mg/kg
Aluminium	5 625	1 406	70 000
Antimony	45	11,3	560
Arsenic	3,8	0,9	47
Barium	1 500	375	18 750
Boron	1 200	300	15 000
Cadmium	1,3	0,3	17
Chromium (III)	37,5	9,4	460
Chromium (VI)	0,02	0,005	0,2
Cobalt	10,5	2,6	130
Copper	622,5	156	7 700
Lead	13,5	3,4	160
Manganese	1 200	300	15 000
Mercury	7,5	1,9	94
Nickel	75	18,8	930
Selenium	37,5	9,4	460
Strontium	4 500	1 125	56 000
Tin	15 000	3 750	180 000
Organic tin	0,9	0,2	12
Zinc	3 750	938	46 000

CONCLUSIONS

The submitted samples complied with the requirements of
 EN 71-1:2014 Mechanical and physical properties
 EN 71-3:2013+A1:2014 Migration of certain elements

Report Number	LSUK.15-0511/C	Page 5 of 5
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