Test Report

The following information was submitted and identified by/on behalf of the client as:

Applicant	:	
Address	:	
Sample Name	:	SOCCER BALL
Sample Model	:	MO7933-33
Buyer	:	MO
Exported to	:	Europe
Country of Origin	:	China
Receive Date	:	May. 21, 2015
Testing period	:	May. 21, 2015 - May. 27, 2015
Test Requested	:	1. As specified by client, determination of Cadmium(Cd) content in the submitted sample(s) according to Annex XVII items 23 of the REACH Regulation (EC) No. 1907/2006 & amended (EU) No. 835/2012. 2. As specified by client, determination of AZO-dyes content in the submitted sample(s) according to Annex XVII items 43 of the REACH Regulation (EC) No. 1907/2006 & amended (EC) No. 552/2009 (Namely former Directive 2002/61/EC).
Test Method	:	Please refer to the next page(s).
Test Result(s)	:	Please refer to the next page(s).
Conclusion(s)	:	1. The test result(s) in the submitted sample(s) **Complies with** requirements on Cadmium(Cd) content in Annex XVII items 23 of the REACH Regulation (EC) No. 1907/2006 & amended (EU) No. 835/2012. 2. The test result(s) in the submitted sample(s) **Complies with** requirements on AZO-dyes in Annex XVII items 43 of the REACH Regulation (EC) No. 1907/2006 & amended (EC) No. 552/2009 (Namely former Directive 2002/61/EC).

Authorized signature:

Lab Manager: Gavin Zhou

May. 27, 2015

Test Result(s):

Test Sample Description

Sample No.	Sample Name	Sample Description	Location
01	SOCCER BALL	White plastic with white textile	Surface of soccer ball
02		Black paint	Paint entirety

1. Cadmium(Cd) content

Test Method: US EPA 3052: 1996 Microwave assisted acid digestion of siliceous and organically based matrices

& US EPA 6010C: 2007 Inductively Coupled Plasma-Atomic Emission Spectrometry

Sample No.	Cadmium(Cd)				Conclusion(s)
	Unit	MDL	Limit	Result(s)	
01	mg/kg	2	100	N.D.	PASS
02	mg/kg	2	100	N.D.	PASS

Note: 1. 1000mg/kg = 0.1%;

2. MDL = Method Detection Limit;

3. N.D. = Not Detected (<MDL).

2. AZO-dyes content

Test Method: EN14362-1 &-3: 2012

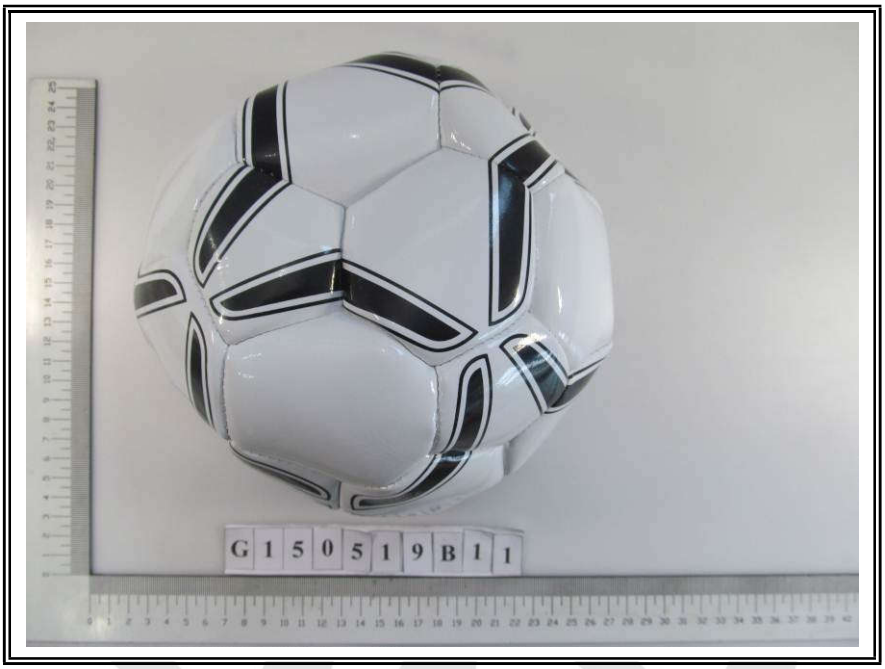
Textiles-Methods for determination of certain aromatic amines derived from azo colorants

Item No.	Test Items	CAS No.	Unit	MDL	Limit	01
1	4-aminobiphenyl	92-67-1	mg/kg	5	30	N.D.
2	benzidine	92-87-5	mg/kg	5	30	N.D.
3	4-chloro-o-toluidine	95-69-2	mg/kg	5	30	N.D.
4	2-naphthylamine	91-59-8	mg/kg	5	30	N.D.
5	o-aminoazotoluene[#a]	97-56-3	mg/kg	5	30	N.D.
6	5-nitro-o-toluidine[#a]	99-55-8	mg/kg	5	30	N.D.
7	4-chloroaniline	106-47-8	mg/kg	5	30	N.D.
8	4-methoxy-m-phenylenediamine	615-05-4	mg/kg	5	30	N.D.
9	4,4'-diaminophenylmethane	101-77-9	mg/kg	5	30	N.D.
10	3,3'-dichlorobenzidine	91-94-1	mg/kg	5	30	N.D.
11	3,3'-dimethoxybenzidine	119-90-4	mg/kg	5	30	N.D.

Item No.	Test Items	CAS No.	Unit	MDL	Limit	01
12	3,3'-dimethylbenzidine	119-93-7	mg/kg	5	30	N.D.
13	4,4'-methylenedi-o-toluidine	838-88-0	mg/kg	5	30	N.D.
14	6-methoxy-m-toluidine	120-71-8	mg/kg	5	30	N.D.
15	4,4'-methylene-bis-(2-chloro-aniline)	101-14-4	mg/kg	5	30	N.D.
16	4,4'-oxydianiline	101-80-4	mg/kg	5	30	N.D.
17	4,4'-thiodianiline	139-65-1	mg/kg	5	30	N.D.
18	o-Tolidine	95-53-4	mg/kg	5	30	N.D.
19	4-methyl-m-phenylenediamine	95-80-7	mg/kg	5	30	N.D.
20	2,4,5-Trimethylaniline	137-17-7	mg/kg	5	30	N.D.
21	o-anisidine	90-04-0	mg/kg	5	30	N.D.
22	4-aminoazobenzene[#b]	60-09-3	mg/kg	5	30	N.D.
Conclusion(s)						PASS

Note: 1. MDL = Method Detection Limit;
2. N.D. = Not Detected (<MDL);
3. a. The CAS numbers 97-56-3 (No. 5) and 99-55-8 (No. 6) are further reduced to CAS numbers 95-53-4 (No. 18) and 95-80-7 (No. 19).
b. Azo colorants that are able to form 4-aminoazobenzene (No. 22), generate under the condition of this method aniline (CAS number 62-53-3) and 1,4-phenylenediamine (CAS number 106-50-3). Due to detection limits, only aniline may be detected. The presence of these colorants should be tested by EN 14362-3.

Sample Photo(s):



GIG authenticate the photo(s) on original report only

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