



Test Report

No.: 70.452.24.31370.01

Date: 2024-06-05

Applicant: NINGBO YINZHOU WANLI SPORTING GOODS CO., LTD
Address: XINCHENG VILLAGE, WUXIANG TOWN, YINZHOU DISTRICT, NINGBO, ZHEJIANG PROVINCE, CHINA
Manufacturer: NINGBO YINZHOU WANLI SPORTING GOODS CO., LTD
Product Name: Software Composite Toy
Model No: 3D0-012V00MX, 3D0-012V01MX
Labelled Age Range: 12-36months
Age range in testing: 12-36months
Age Group Assessed As per Age Guideline: 12-36months
Receipt Date of Sample: 2024-04-23
Date of Testing: 2024-04-23 ~ 2024-05-17
Sample Submitted: The sample(s) was (were) submitted by applicant and identified.
Test Result: Refer to the data listed in following pages

Test Item	Conclusion
1. EN 71-1:2014+A1:2018 Mechanical and Physical Properties	Pass
2. EN 71-2:2020 Flammability	Pass
3. EN 71-3:2019+A1:2021 - Migration of certain elements	Pass
4. Regulation (EC) No.1907/2006 (REACH) Annex XVII, Item 23 - Cadmium Content	Pass
5. Regulation (EC) No.1907/2006 (REACH) Annex XVII, Items 51 and 52 - Phthalates Content	Pass
6. Content of 15 PAHs (Polycyclic Aromatic Hydrocarbons)	Pass
7. Regulation (EC) No.1907/2006 (REACH) Annex XVII, Item 50 - Polycyclic Aromatic Hydrocarbons (PAHs)	Pass
8. Regulation (EC) No.1907/2006 (REACH) Annex XVII, Item 43 - Azodyes	Pass

Remarks: 1. MDL = Method Detection Limit
2. ND = Not Detected (<MDL)
3. ≤ Less than
4. 1 mg/kg = 1 ppm = 0.0001%
5. NA=Not Applicable

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TÜV SÜD Certification and Testing (China) Co., Ltd. Shanghai Branch
Testing Center

Prepared by:

Rainie Dai

Rainie Dai
Reporting Representative



Authorized by:

Neko Ding

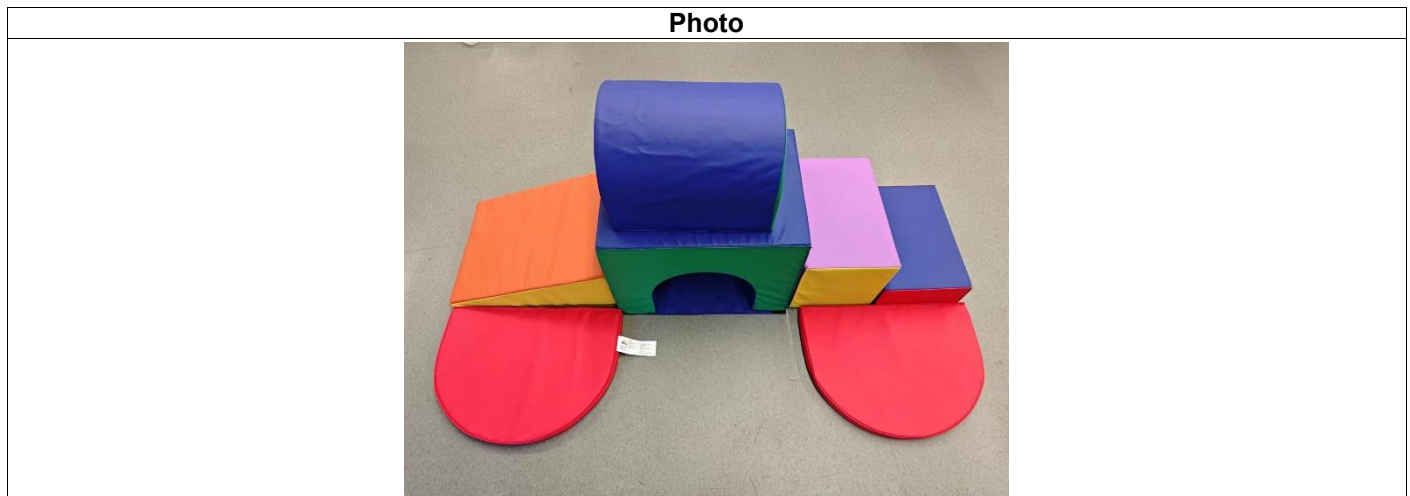
Neko Ding
Director

Note:

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Unless otherwise agreed upon, Pass or Fail verdicts are given based on the measured values without any considerations of measurement uncertainties.
Please note, every test method has a measurement uncertainty which has been evaluated by the laboratory according to ISO/IEC 17025 requirements.
By taking measurement uncertainties into account it might happen that measured values can neither be assessed as Pass nor as Fail.

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Description of Tested Subject:



Sample	Description
001	Transparent plastic. (non-slip mat)
002	Black Velcro. (Velcro-hook)
003	Green synthetic fabric. (body)
004	Orange synthetic fabric. (body)
005	Yellow synthetic fabric. (body)
006	Red synthetic fabric. (body)
007	Royalblue synthetic fabric. (body)
008	Violet synthetic fabric. (body)
009	Black/white coatings on fabric. (sewn-in label)
010	Black woven fabric. (non-slip mat)
011	Black Velcro. (Velcro-loop)
012	White woven fabric excluding coatings. (sewn-in label)
013	White woven fabric with black/white coatings. (sewn-in label)
014	White foam. (in body)



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Test Result(s):

1. EN 71-1:2014+A1:2018 Mechanical and Physical Properties

Clause	Requirement	Evaluation
4	General Requirements	
4.1	Material cleanliness	P
4.7	Edges	P
4.8	Points and metallic wires	P
4.15	Toys intended to bear the mass of a child	P
5	Toys intended for children under 36 months	
5.1	General requirements	P
5.2	Soft-filled toys and soft-filled parts of a toy	P
6	Packaging	P
7	Warnings and instructions for use	
7.1	General	P

* Abbreviation:

P = Pass, NA = Not Applicable

Note:

- Only applicable clauses were shown.

Remark:

Labelling requirement (Washing/Cleaning instruction, CE marking, Importer / Manufacturer name and address, Product identification) according to the Directive 2009/48/EC-Safety of toys.

	Result (On Product)	Result (On Package)
CE Marking	Present	Present
Manufacturer's Name and Address	Present	Present
Importer's Name and Address	Present	Present
Product Identification	Present	Present

The following marking shall be fulfilled.

- The CE marking is subject to the general principles set out in Article 30 of Regulation (EC) No 765/2008. The CE marking shall be affixed visibly, legibly and indelibly to the toy, to an affixed label to the packaging, or to the counter display.

- The manufacturer's name and address, importer's name and address in the EU shall be indicated on the toy or, where that is not possible, on its packaging or in a document accompanying the toy.

- The toys shall bear a type, batch, serial or model number or other element allowing their identification, or where the size or nature of the toy does not allow it, that the required information is provided on the packaging or in a document accompanying the toy.

	Result (On Product)	Result (On Package)
Washing/Cleaning instruction	Present	Present

A toy intended for use by children under 36 months must be designed and manufactured in such a way that it can be cleaned. A textile toy must, to this end, be washable, except if it contains a mechanism that may be damaged if soaked. The manufacturer should, if applicable, provide instructions on how the toy has to be cleaned.



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2. EN 71-2:2020 Flammability

Clause	Requirement	Evaluation
4.1	General Requirement	P
4.5	Soft-filled toys	P

* Abbreviation:

P = Pass, NA = Not Applicable

Note:

- Only applicable clauses were shown.

3. EN 71-3:2019+A1:2021 - Migration of certain elements

Test with reference to EN 71-3:2019+A1:2021, determination by ICP-MS.

Parameter	MDL [mg/kg]	Limit [mg/kg]	Result(s) [mg/kg]	
			001	002
Soluble Aluminum	5.00	28130	7.75	<5.00
Soluble Antimony	5.00	560	<5.00	<5.00
Soluble Arsenic	5.00	47	<5.00	<5.00
Soluble Barium	5.00	18750	<5.00	<5.00
Soluble Boron	5.00	15000	<5.00	<5.00
Soluble Cadmium	5.00	17	<5.00	<5.00
Soluble Chromium	0.04	-	0.514	<0.04
Soluble Chromium III	0.04	460	0.514	<0.04
Soluble Chromium VI	0.04	0.053	<0.04	<0.04
Soluble Cobalt	5.00	130	<5.00	<5.00
Soluble Copper	5.00	7700	<5.00	<5.00
Soluble Lead	5.00	23	<5.00	<5.00
Soluble Manganese	5.00	15000	<5.00	<5.00
Soluble Mercury	5.00	94	<5.00	<5.00
Soluble Nickel	5.00	930	<5.00	<5.00
Soluble Selenium	5.00	460	<5.00	<5.00
Soluble Strontium	5.00	56000	<5.00	<5.00
Soluble Tin	2.50	180000	<2.50	<2.50
Organic Tin	7.50	12	<7.50	<7.50
Soluble Zinc	5.00	46000	21.8	<5.00
Conclusion			Pass	Pass

Parameter	MDL [mg/kg]	Limit [mg/kg]	Result(s) [mg/kg]	
			003	004
Soluble Aluminum	5.00	28130	68.8	66.2
Soluble Antimony	5.00	560	<5.00	<5.00
Soluble Arsenic	5.00	47	<5.00	<5.00
Soluble Barium	5.00	18750	<5.00	<5.00
Soluble Boron	5.00	15000	<5.00	<5.00
Soluble Cadmium	5.00	17	<5.00	<5.00
Soluble Chromium	0.04	-	0.378	0.375
Soluble Chromium III	0.04	460	0.378	0.375
Soluble Chromium VI	0.04	0.053	<0.04	<0.04
Soluble Cobalt	5.00	130	<5.00	<5.00

Laboratory:
TÜV SÜD Certification and Testing (China) Co., Ltd.
Shanghai Branch, Testing Center
Building B,C, No. 1999 and Building D, No. 2059, Duhui
Road, Minhang District, Shanghai

Phone: +86 21 60376300
Fax: +86 21 60376350
<https://www.tuvsud.com>

Regd. Office:
TÜV SÜD Certification and Testing (China) Co., Ltd.
Shanghai Branch, TÜV SÜD Group
Floor 11-12, No 151, Hengtong Road, Jing'an District, Shanghai



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Soluble Copper	5.00	7700	<5.00	<5.00
Soluble Lead	5.00	23	<5.00	<5.00
Soluble Manganese	5.00	15000	6.26	6.46
Soluble Mercury	5.00	94	<5.00	<5.00
Soluble Nickel	5.00	930	<5.00	<5.00
Soluble Selenium	5.00	460	<5.00	<5.00
Soluble Strontium	5.00	56000	48.9	73.0
Soluble Tin	2.50	180000	<2.50	<2.50
Organic Tin	7.50	12	<7.50	<7.50
Soluble Zinc	5.00	46000	<5.00	<5.00
Conclusion			Pass	Pass

Parameter	MDL [mg/kg]	Limit [mg/kg]	Result(s) [mg/kg]	
			005	006
Soluble Aluminum	5.00	28130	<5.00	<5.00
Soluble Antimony	5.00	560	<5.00	<5.00
Soluble Arsenic	5.00	47	<5.00	<5.00
Soluble Barium	5.00	18750	<5.00	<5.00
Soluble Boron	5.00	15000	<5.00	<5.00
Soluble Cadmium	5.00	17	<5.00	<5.00
Soluble Chromium	0.04	-	<0.04	<0.04
Soluble Chromium III	0.04	460	<0.04	<0.04
Soluble Chromium VI	0.04	0.053	<0.04	<0.04
Soluble Cobalt	5.00	130	<5.00	<5.00
Soluble Copper	5.00	7700	<5.00	<5.00
Soluble Lead	5.00	23	<5.00	<5.00
Soluble Manganese	5.00	15000	<5.00	<5.00
Soluble Mercury	5.00	94	<5.00	<5.00
Soluble Nickel	5.00	930	<5.00	<5.00
Soluble Selenium	5.00	460	<5.00	<5.00
Soluble Strontium	5.00	56000	<5.00	<5.00
Soluble Tin	2.50	180000	5.59	<2.50
Organic Tin	7.50	12	<7.50	<7.50
Soluble Zinc	5.00	46000	<5.00	<5.00
Conclusion			Pass	Pass

Parameter	MDL [mg/kg]	Limit [mg/kg]	Result(s) [mg/kg]	
			007	008
Soluble Aluminum	5.00	28130	53.0	63.9
Soluble Antimony	5.00	560	<5.00	<5.00
Soluble Arsenic	5.00	47	<5.00	<5.00
Soluble Barium	5.00	18750	5.18	5.08
Soluble Boron	5.00	15000	<5.00	<5.00
Soluble Cadmium	5.00	17	<5.00	<5.00
Soluble Chromium	0.04	-	0.317	0.629
Soluble Chromium III	0.04	460	0.317	0.629
Soluble Chromium VI	0.04	0.053	<0.04	<0.04
Soluble Cobalt	5.00	130	<5.00	<5.00



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Soluble Copper	5.00	7700	<5.00	<5.00
Soluble Lead	5.00	23	<5.00	<5.00
Soluble Manganese	5.00	15000	21.5	7.17
Soluble Mercury	5.00	94	<5.00	<5.00
Soluble Nickel	5.00	930	<5.00	<5.00
Soluble Selenium	5.00	460	<5.00	<5.00
Soluble Strontium	5.00	56000	53.3	50.6
Soluble Tin	2.50	180000	<2.50	<2.50
Organic Tin	7.50	12	<7.50	<7.50
Soluble Zinc	5.00	46000	<5.00	<5.00
Conclusion			Pass	Pass

Parameter	MDL [mg/kg]	Limit [mg/kg]	Result(s) [mg/kg]	
			010	011
Soluble Aluminum	5.00	28130	9.50	<5.00
Soluble Antimony	5.00	560	<5.00	<5.00
Soluble Arsenic	5.00	47	<5.00	<5.00
Soluble Barium	5.00	18750	<5.00	<5.00
Soluble Boron	5.00	15000	<5.00	<5.00
Soluble Cadmium	5.00	17	<5.00	<5.00
Soluble Chromium	0.04	-	0.092	0.070
Soluble Chromium III	0.04	460	0.092	0.070
Soluble Chromium VI	0.04	0.053	<0.04	<0.04
Soluble Cobalt	5.00	130	<5.00	<5.00
Soluble Copper	5.00	7700	<5.00	<5.00
Soluble Lead	5.00	23	<5.00	<5.00
Soluble Manganese	5.00	15000	<5.00	<5.00
Soluble Mercury	5.00	94	<5.00	<5.00
Soluble Nickel	5.00	930	<5.00	<5.00
Soluble Selenium	5.00	460	<5.00	<5.00
Soluble Strontium	5.00	56000	13.9	<5.00
Soluble Tin	2.50	180000	<2.50	<2.50
Organic Tin	7.50	12	<7.50	<7.50
Soluble Zinc	5.00	46000	<5.00	<5.00
Conclusion			Pass	Pass

Parameter	MDL [mg/kg]	Limit [mg/kg]	Result(s) [mg/kg]
			012
Soluble Aluminum	5.00	28130	116
Soluble Antimony	5.00	560	<5.00
Soluble Arsenic	5.00	47	<5.00
Soluble Barium	5.00	18750	<5.00
Soluble Boron	5.00	15000	<5.00
Soluble Cadmium	5.00	17	<5.00
Soluble Chromium	0.04	-	1.17
Soluble Chromium III	0.04	460	1.17
Soluble Chromium VI	0.04	0.053	<0.04
Soluble Cobalt	5.00	130	<5.00

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Soluble Copper	5.00	7700	<5.00
Soluble Lead	5.00	23	<5.00
Soluble Manganese	5.00	15000	5.22
Soluble Mercury	5.00	94	<5.00
Soluble Nickel	5.00	930	<5.00
Soluble Selenium	5.00	460	<5.00
Soluble Strontium	5.00	56000	57.0
Soluble Tin	2.50	180000	<2.50
Organic Tin	7.50	12	<7.50
Soluble Zinc	5.00	46000	5.35
Conclusion			Pass

Remark:

As received, below test portion(s) is(are) less than 10 mg, therefore such component(s) was(were) not tested for migration of certain elements, as specified in EN 71-3:2019+A1:2021.

009	Black/white coatings on fabric. (sewn-in label)
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4. Regulation (EC) No.1907/2006 (REACH) Annex XVII, Item 23 - Cadmium Content

Test with reference to EN 1122:2001 Method B, determination by ICP-OES

Specimen No.	Unit	MDL	Limit	Result(s)	Conclusion
001	mg/kg	10	100	<10.0	Pass
002	mg/kg	10	100	<10.0	Pass
003	mg/kg	10	100	<10.0	Pass
004	mg/kg	10	100	<10.0	Pass
005	mg/kg	10	100	<10.0	Pass
006	mg/kg	10	100	<10.0	Pass
007	mg/kg	10	100	<10.0	Pass
008	mg/kg	10	100	<10.0	Pass
009	mg/kg	10	1000	<10.0	Pass
014	mg/kg	10	100	<10.0	Pass

5. Regulation (EC) No.1907/2006 (REACH) Annex XVII, Items 51 and 52 - Phthalates Content

Test with reference to in house method, solvent extraction and determination by GC-MS.

Parameter	CAS No.	Unit	MDL	Limit	Result(s)	
					001	002
Bis (2-ethylhexyl) phthalate, DEHP	117-81-7	%	0.005	-	<0.005	<0.005
Dibutyl phthalate, DBP	84-74-2	%	0.005	-	<0.005	<0.005
Benzyl butyl phthalate, BBP	85-68-7	%	0.005	-	<0.005	<0.005
Diisobutylphthalate, DIBP	84-69-5	%	0.005	-	<0.005	<0.005
Sum of DBP, BBP, DEHP, DIBP	-	%	0.005	0.1	<0.005	<0.005



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Di-isononyl phthalate, DINP	28553-12-0 /68515-48-0	%	0.005	-	<0.005	<0.005
Di-isodecyl phthalate, DIDP	26761-40-0 /68515-49-1	%	0.005	-	<0.005	<0.005
Di-n-octyl phthalate, DNOP	117-84-0	%	0.005	-	<0.005	<0.005
Sum of DINP, DIDP, DNOP	-	%	0.005	0.1	<0.005	<0.005
Conclusion					Pass	Pass

Parameter	CAS No.	Unit	MDL	Limit	Result(s)	
					003	004
Bis (2-ethylhexyl) phthalate, DEHP	117-81-7	%	0.005	-	<0.005	<0.005
Dibutyl phthalate, DBP	84-74-2	%	0.005	-	<0.005	<0.005
Benzyl butyl phthalate, BBP	85-68-7	%	0.005	-	<0.005	<0.005
Diisobutylphthalate, DIBP	84-69-5	%	0.005	-	<0.005	<0.005
Sum of DBP, BBP, DEHP, DIBP	-	%	0.005	0.1	<0.005	<0.005
Di-isononyl phthalate, DINP	28553-12-0 /68515-48-0	%	0.005	-	<0.005	<0.005
Di-isodecyl phthalate, DIDP	26761-40-0 /68515-49-1	%	0.005	-	<0.005	<0.005
Di-n-octyl phthalate, DNOP	117-84-0	%	0.005	-	<0.005	<0.005
Sum of DINP, DIDP, DNOP	-	%	0.005	0.1	<0.005	<0.005
Conclusion					Pass	Pass

Parameter	CAS No.	Unit	MDL	Limit	Result(s)	
					005	006
Bis (2-ethylhexyl) phthalate, DEHP	117-81-7	%	0.005	-	<0.005	<0.005
Dibutyl phthalate, DBP	84-74-2	%	0.005	-	<0.005	<0.005
Benzyl butyl phthalate, BBP	85-68-7	%	0.005	-	<0.005	<0.005
Diisobutylphthalate, DIBP	84-69-5	%	0.005	-	<0.005	<0.005
Sum of DBP, BBP, DEHP, DIBP	-	%	0.005	0.1	<0.005	<0.005
Di-isononyl phthalate, DINP	28553-12-0 /68515-48-0	%	0.005	-	<0.005	<0.005
Di-isodecyl phthalate, DIDP	26761-40-0 /68515-49-1	%	0.005	-	<0.005	<0.005
Di-n-octyl phthalate, DNOP	117-84-0	%	0.005	-	<0.005	<0.005
Sum of DINP, DIDP, DNOP	-	%	0.005	0.1	<0.005	<0.005
Conclusion					Pass	Pass

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Parameter	CAS No.	Unit	MDL	Limit	Result(s)	
					007	008
Bis (2-ethylhexyl) phthalate, DEHP	117-81-7	%	0.005	-	<0.005	<0.005
Dibutyl phthalate, DBP	84-74-2	%	0.005	-	<0.005	<0.005
Benzyl butyl phthalate, BBP	85-68-7	%	0.005	-	<0.005	<0.005
Diisobutylphthalate, DIBP	84-69-5	%	0.005	-	<0.005	<0.005
Sum of DBP, BBP, DEHP, DIBP	-	%	0.005	0.1	<0.005	<0.005
Di-isononyl phthalate, DINP	28553-12-0 /68515-48-0	%	0.005	-	<0.005	<0.005
Di-isodecyl phthalate, DIDP	26761-40-0 /68515-49-1	%	0.005	-	<0.005	<0.005
Di-n-octyl phthalate, DNOP	117-84-0	%	0.005	-	<0.005	<0.005
Sum of DINP, DIDP, DNOP	-	%	0.005	0.1	<0.005	<0.005
Conclusion					Pass	Pass

Parameter	CAS No.	Unit	MDL	Limit	Result(s)	
					009	014
Bis (2-ethylhexyl) phthalate, DEHP	117-81-7	%	0.005	-	<0.005	<0.005
Dibutyl phthalate, DBP	84-74-2	%	0.005	-	<0.005	<0.005
Benzyl butyl phthalate, BBP	85-68-7	%	0.005	-	<0.005	<0.005
Diisobutylphthalate, DIBP	84-69-5	%	0.005	-	<0.005	<0.005
Sum of DBP, BBP, DEHP, DIBP	-	%	0.005	0.1	<0.005	<0.005
Di-isononyl phthalate, DINP	28553-12-0 /68515-48-0	%	0.005	-	<0.005	<0.005
Di-isodecyl phthalate, DIDP	26761-40-0 /68515-49-1	%	0.005	-	<0.005	<0.005
Di-n-octyl phthalate, DNOP	117-84-0	%	0.005	-	<0.005	<0.005
Sum of DINP, DIDP, DNOP	-	%	0.005	0.1	<0.005	<0.005
Conclusion					Pass	Pass

6. Content of 15 PAHs (Polycyclic Aromatic Hydrocarbons)

Test with reference to AfPS GS 2019:01PAK, determination by GC-MS.

Parameter	CAS No.	Unit	MDL	Limit	Result(s)	
					001	002
Naphthalene	91-20-3	mg/kg	0.1	1	<0.1	<0.1
Phenanthrene	85-01-8	mg/kg	0.1	-	<0.1	<0.1
Anthracene	120-12-7	mg/kg	0.1	-	<0.1	<0.1
Fluoranthene	206-44-0	mg/kg	0.1	-	<0.1	<0.1
Pyrene	129-00-0	mg/kg	0.1	-	<0.1	<0.1
Sum of 4 PAHs	-	mg/kg	0.1	1	<0.1	<0.1
Benzo[a]anthracene	56-55-3	mg/kg	0.1	0.2	<0.1	<0.1
Chrysene	218-01-9	mg/kg	0.1	0.2	<0.1	<0.1
Benzo[b]fluoranthene	205-99-2	mg/kg	0.1	0.2	<0.1	<0.1
Benzo[j]fluoranthene	205-82-3	mg/kg	0.1	0.2	<0.1	<0.1

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Benzo[k]fluoranthene	207-08-9	mg/kg	0.1	0.2	<0.1	<0.1
Benzo[a]pyrene	50-32-8	mg/kg	0.1	0.2	<0.1	<0.1
Benzo[e]pyrene	192-97-2	mg/kg	0.1	0.2	<0.1	<0.1
Benzo[ghi]perylene	191-24-2	mg/kg	0.1	0.2	<0.1	<0.1
dibenzo[ah]anthracene	53-70-3	mg/kg	0.1	0.2	<0.1	<0.1
Indeno[1,2,3-cd]pyrene	193-39-5	mg/kg	0.1	0.2	<0.1	<0.1
Sum of detected 15 PAHs	-	mg/kg	0.1	1	<0.1	<0.1
Conclusion					Pass	Pass

Parameter	CAS No.	Unit	MDL	Limit	Result(s)	
					003	004
Naphthalene	91-20-3	mg/kg	0.1	1	<0.1	<0.1
Phenanthrene	85-01-8	mg/kg	0.1	-	<0.1	<0.1
Anthracene	120-12-7	mg/kg	0.1	-	<0.1	<0.1
Fluoranthene	206-44-0	mg/kg	0.1	-	<0.1	<0.1
Pyrene	129-00-0	mg/kg	0.1	-	<0.1	<0.1
Sum of 4 PAHs	-	mg/kg	0.1	1	<0.1	<0.1
Benzo[a]anthracene	56-55-3	mg/kg	0.1	0.2	<0.1	<0.1
Chrysene	218-01-9	mg/kg	0.1	0.2	<0.1	<0.1
Benzo[b]fluoranthene	205-99-2	mg/kg	0.1	0.2	<0.1	<0.1
Benzo[j]fluoranthene	205-82-3	mg/kg	0.1	0.2	<0.1	<0.1
Benzo[k]fluoranthene	207-08-9	mg/kg	0.1	0.2	<0.1	<0.1
Benzo[a]pyrene	50-32-8	mg/kg	0.1	0.2	<0.1	<0.1
Benzo[e]pyrene	192-97-2	mg/kg	0.1	0.2	<0.1	<0.1
Benzo[ghi]perylene	191-24-2	mg/kg	0.1	0.2	<0.1	<0.1
dibenzo[ah]anthracene	53-70-3	mg/kg	0.1	0.2	<0.1	<0.1
Indeno[1,2,3-cd]pyrene	193-39-5	mg/kg	0.1	0.2	<0.1	<0.1
Sum of detected 15 PAHs	-	mg/kg	0.1	1	<0.1	<0.1
Conclusion					Pass	Pass

Parameter	CAS No.	Unit	MDL	Limit	Result(s)	
					005	006
Naphthalene	91-20-3	mg/kg	0.1	1	<0.1	<0.1
Phenanthrene	85-01-8	mg/kg	0.1	-	<0.1	<0.1
Anthracene	120-12-7	mg/kg	0.1	-	<0.1	<0.1
Fluoranthene	206-44-0	mg/kg	0.1	-	<0.1	<0.1
Pyrene	129-00-0	mg/kg	0.1	-	<0.1	<0.1
Sum of 4 PAHs	-	mg/kg	0.1	1	<0.1	<0.1
Benzo[a]anthracene	56-55-3	mg/kg	0.1	0.2	<0.1	<0.1
Chrysene	218-01-9	mg/kg	0.1	0.2	<0.1	<0.1
Benzo[b]fluoranthene	205-99-2	mg/kg	0.1	0.2	<0.1	<0.1
Benzo[j]fluoranthene	205-82-3	mg/kg	0.1	0.2	<0.1	<0.1
Benzo[k]fluoranthene	207-08-9	mg/kg	0.1	0.2	<0.1	<0.1
Benzo[a]pyrene	50-32-8	mg/kg	0.1	0.2	<0.1	<0.1
Benzo[e]pyrene	192-97-2	mg/kg	0.1	0.2	<0.1	<0.1
Benzo[ghi]perylene	191-24-2	mg/kg	0.1	0.2	<0.1	<0.1
dibenzo[ah]anthracene	53-70-3	mg/kg	0.1	0.2	<0.1	<0.1
Indeno[1,2,3-cd]pyrene	193-39-5	mg/kg	0.1	0.2	<0.1	<0.1



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Sum of detected 15 PAHs	-	mg/kg	0.1	1	<0.1	<0.1
Conclusion					Pass	Pass

Parameter	CAS No.	Unit	MDL	Limit	Result(s)	
					007	008
Naphthalene	91-20-3	mg/kg	0.1	1	<0.1	<0.1
Phenanthrene	85-01-8	mg/kg	0.1	-	<0.1	<0.1
Anthracene	120-12-7	mg/kg	0.1	-	<0.1	<0.1
Fluoranthene	206-44-0	mg/kg	0.1	-	<0.1	<0.1
Pyrene	129-00-0	mg/kg	0.1	-	<0.1	<0.1
Sum of 4 PAHs	-	mg/kg	0.1	1	<0.1	<0.1
Benzo[a]anthracene	56-55-3	mg/kg	0.1	0.2	<0.1	<0.1
Chrysene	218-01-9	mg/kg	0.1	0.2	<0.1	<0.1
Benzo[b]fluoranthene	205-99-2	mg/kg	0.1	0.2	<0.1	<0.1
Benzo[j]fluoranthene	205-82-3	mg/kg	0.1	0.2	<0.1	<0.1
Benzo[k]fluoranthene	207-08-9	mg/kg	0.1	0.2	<0.1	<0.1
Benzo[a]pyrene	50-32-8	mg/kg	0.1	0.2	<0.1	<0.1
Benzo[e]pyrene	192-97-2	mg/kg	0.1	0.2	<0.1	<0.1
Benzo[ghi]perylene	191-24-2	mg/kg	0.1	0.2	<0.1	<0.1
dibenzo[ah]anthracene	53-70-3	mg/kg	0.1	0.2	<0.1	<0.1
Indeno[1,2,3-cd]pyrene	193-39-5	mg/kg	0.1	0.2	<0.1	<0.1
Sum of detected 15 PAHs	-	mg/kg	0.1	1	<0.1	<0.1
Conclusion					Pass	Pass

Parameter	CAS No.	Unit	MDL	Limit	Result(s)	
					009	010
Naphthalene	91-20-3	mg/kg	0.1	1	<0.1	<0.1
Phenanthrene	85-01-8	mg/kg	0.1	-	<0.1	<0.1
Anthracene	120-12-7	mg/kg	0.1	-	<0.1	<0.1
Fluoranthene	206-44-0	mg/kg	0.1	-	<0.1	<0.1
Pyrene	129-00-0	mg/kg	0.1	-	<0.1	<0.1
Sum of 4 PAHs	-	mg/kg	0.1	1	<0.1	<0.1
Benzo[a]anthracene	56-55-3	mg/kg	0.1	0.2	<0.1	<0.1
Chrysene	218-01-9	mg/kg	0.1	0.2	<0.1	<0.1
Benzo[b]fluoranthene	205-99-2	mg/kg	0.1	0.2	<0.1	<0.1
Benzo[j]fluoranthene	205-82-3	mg/kg	0.1	0.2	<0.1	<0.1
Benzo[k]fluoranthene	207-08-9	mg/kg	0.1	0.2	<0.1	<0.1
Benzo[a]pyrene	50-32-8	mg/kg	0.1	0.2	<0.1	<0.1
Benzo[e]pyrene	192-97-2	mg/kg	0.1	0.2	<0.1	<0.1
Benzo[ghi]perylene	191-24-2	mg/kg	0.1	0.2	<0.1	<0.1
dibenzo[ah]anthracene	53-70-3	mg/kg	0.1	0.2	<0.1	<0.1
Indeno[1,2,3-cd]pyrene	193-39-5	mg/kg	0.1	0.2	<0.1	<0.1
Sum of detected 15 PAHs	-	mg/kg	0.1	1	<0.1	<0.1
Conclusion					Pass	Pass

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Parameter	CAS No.	Unit	MDL	Limit	Result(s)
					011
Naphthalene	91-20-3	mg/kg	0.1	1	<0.1
Phenanthrene	85-01-8	mg/kg	0.1	-	<0.1
Anthracene	120-12-7	mg/kg	0.1	-	<0.1
Fluoranthene	206-44-0	mg/kg	0.1	-	<0.1
Pyrene	129-00-0	mg/kg	0.1	-	<0.1
Sum of 4 PAHs	-	mg/kg	0.1	1	<0.1
Benzo[a]anthracene	56-55-3	mg/kg	0.1	0.2	<0.1
Chrysene	218-01-9	mg/kg	0.1	0.2	<0.1
Benzo[b]fluoranthene	205-99-2	mg/kg	0.1	0.2	<0.1
Benzo[j]fluoranthene	205-82-3	mg/kg	0.1	0.2	<0.1
Benzo[k]fluoranthene	207-08-9	mg/kg	0.1	0.2	<0.1
Benzo[a]pyrene	50-32-8	mg/kg	0.1	0.2	<0.1
Benzo[e]pyrene	192-97-2	mg/kg	0.1	0.2	<0.1
Benzo[ghi]perylene	191-24-2	mg/kg	0.1	0.2	<0.1
dibenzo[ah]anthracene	53-70-3	mg/kg	0.1	0.2	<0.1
Indeno[1,2,3-cd]pyrene	193-39-5	mg/kg	0.1	0.2	<0.1
Sum of detected 15 PAHs	-	mg/kg	0.1	1	<0.1
Conclusion					Pass

1. Limit according to AfPS GS 2019:01PAK :

Parameter	Category 1	Category 2		Category 3	
	Materials intended to be taken into the mouth, or materials in toys according to Directive 2009/48/EC or materials in articles intended for the use by children up to 3 years of age having long-term skin contact (more than 30s) within intended use	Materials that do not fall into category 1, with long-term skin contact (more than 30s) or repeated short-term skin contact within intended or foreseeable use		Materials that do neither fall into category 1 nor 2, with short-term skin contact (up to 30s) within foreseeable use	
		Used by children (mg/kg)	Other consumer products (mg/kg)	Used by children (mg/kg)	Other consumer products (mg/kg)
Benzo[a]pyrene	< 0.2	< 0.2	< 0.5	< 0.5	< 1
Benzo[e]pyrene	< 0.2	< 0.2	< 0.5	< 0.5	< 1
Benzo[a]anthracene	< 0.2	< 0.2	< 0.5	< 0.5	< 1
Benzo[b]fluoroanthene	< 0.2	< 0.2	< 0.5	< 0.5	< 1
Benzo[j]fluoroanthene	< 0.2	< 0.2	< 0.5	< 0.5	< 1
Benzo[k]fluoroanthene	< 0.2	< 0.2	< 0.5	< 0.5	< 1
Chrysene	< 0.2	< 0.2	< 0.5	< 0.5	< 1
Dibenzo[a,h]anthracene	< 0.2	< 0.2	< 0.5	< 0.5	< 1
Benzo[g,h,i]perylene	< 0.2	< 0.2	< 0.5	< 0.5	< 1
Indeno[1,2,3-c,d]pyrene	< 0.2	< 0.2	< 0.5	< 0.5	< 1
Phenanthrene, Pyrene, Anthracene, Fluoranthene	Sum < 1	Sum < 5	Sum < 10	Sum < 20	Sum < 50

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Naphthalene	< 1	< 2	< 10
Sum 15 PAH	< 1	< 5	< 10
		< 20	< 50

7. Regulation (EC) No.1907/2006 (REACH) Annex XVII, Item 50 - Polycyclic Aromatic Hydrocarbons (PAHs)

Test with reference to AfPS GS 2019:01PAK, determination by GC-MS.

Parameter	CAS No.	Unit	MDL	Limit	Result(s)	
					001	002
Benzo[b]fluoranthene (BbFA)	205-99-2	mg/kg	0.1	0.5	<0.1	<0.1
Benzo[a]anthracene (BaA)	56-55-3	mg/kg	0.1	0.5	<0.1	<0.1
Benzo[a]pyrene (BaP)	50-32-8	mg/kg	0.1	0.5	<0.1	<0.1
Benzo[e]pyrene (BeP)	192-97-2	mg/kg	0.1	0.5	<0.1	<0.1
Benzo[j]fluoranthene (BjFA)	205-82-3	mg/kg	0.1	0.5	<0.1	<0.1
Benzo[k]fluoranthene (BkFA)	207-08-9	mg/kg	0.1	0.5	<0.1	<0.1
Chrysene (CHR)	218-01-9	mg/kg	0.1	0.5	<0.1	<0.1
Dibenzo[a,h]anthracene (DBAhA)	53-70-3	mg/kg	0.1	0.5	<0.1	<0.1
Conclusion					Pass	Pass

Parameter	CAS No.	Unit	MDL	Limit	Result(s)	
					003	004
Benzo[b]fluoranthene (BbFA)	205-99-2	mg/kg	0.1	0.5	<0.1	<0.1
Benzo[a]anthracene (BaA)	56-55-3	mg/kg	0.1	0.5	<0.1	<0.1
Benzo[a]pyrene (BaP)	50-32-8	mg/kg	0.1	0.5	<0.1	<0.1
Benzo[e]pyrene (BeP)	192-97-2	mg/kg	0.1	0.5	<0.1	<0.1
Benzo[j]fluoranthene (BjFA)	205-82-3	mg/kg	0.1	0.5	<0.1	<0.1
Benzo[k]fluoranthene (BkFA)	207-08-9	mg/kg	0.1	0.5	<0.1	<0.1
Chrysene (CHR)	218-01-9	mg/kg	0.1	0.5	<0.1	<0.1
Dibenzo[a,h]anthracene (DBAhA)	53-70-3	mg/kg	0.1	0.5	<0.1	<0.1
Conclusion					Pass	Pass

Parameter	CAS No.	Unit	MDL	Limit	Result(s)	
					005	006
Benzo[b]fluoranthene (BbFA)	205-99-2	mg/kg	0.1	0.5	<0.1	<0.1
Benzo[a]anthracene (BaA)	56-55-3	mg/kg	0.1	0.5	<0.1	<0.1
Benzo[a]pyrene (BaP)	50-32-8	mg/kg	0.1	0.5	<0.1	<0.1
Benzo[e]pyrene (BeP)	192-97-2	mg/kg	0.1	0.5	<0.1	<0.1
Benzo[j]fluoranthene (BjFA)	205-82-3	mg/kg	0.1	0.5	<0.1	<0.1
Benzo[k]fluoranthene (BkFA)	207-08-9	mg/kg	0.1	0.5	<0.1	<0.1
Chrysene (CHR)	218-01-9	mg/kg	0.1	0.5	<0.1	<0.1

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Dibenzo[a,h]anthracene (DBAhA)	53-70-3	mg/kg	0.1	0.5	<0.1	<0.1
Conclusion					Pass	Pass

Parameter	CAS No.	Unit	MDL	Limit	Result(s)	
					007	008
Benzo[b]fluoranthene (BbFA)	205-99-2	mg/kg	0.1	0.5	<0.1	<0.1
Benzo[a]anthracene (BaA)	56-55-3	mg/kg	0.1	0.5	<0.1	<0.1
Benzo[a]pyrene (BaP)	50-32-8	mg/kg	0.1	0.5	<0.1	<0.1
Benzo[e]pyrene (BeP)	192-97-2	mg/kg	0.1	0.5	<0.1	<0.1
Benzo[j]fluoranthene (BjFA)	205-82-3	mg/kg	0.1	0.5	<0.1	<0.1
Benzo[k]fluoranthene (BkFA)	207-08-9	mg/kg	0.1	0.5	<0.1	<0.1
Chrysene (CHR)	218-01-9	mg/kg	0.1	0.5	<0.1	<0.1
Dibenzo[a,h]anthracene (DBAhA)	53-70-3	mg/kg	0.1	0.5	<0.1	<0.1
Conclusion					Pass	Pass

Parameter	CAS No.	Unit	MDL	Limit	Result(s)	
					009	010
Benzo[b]fluoranthene (BbFA)	205-99-2	mg/kg	0.1	0.5	<0.1	<0.1
Benzo[a]anthracene (BaA)	56-55-3	mg/kg	0.1	0.5	<0.1	<0.1
Benzo[a]pyrene (BaP)	50-32-8	mg/kg	0.1	0.5	<0.1	<0.1
Benzo[e]pyrene (BeP)	192-97-2	mg/kg	0.1	0.5	<0.1	<0.1
Benzo[j]fluoranthene (BjFA)	205-82-3	mg/kg	0.1	0.5	<0.1	<0.1
Benzo[k]fluoranthene (BkFA)	207-08-9	mg/kg	0.1	0.5	<0.1	<0.1
Chrysene (CHR)	218-01-9	mg/kg	0.1	0.5	<0.1	<0.1
Dibenzo[a,h]anthracene (DBAhA)	53-70-3	mg/kg	0.1	0.5	<0.1	<0.1
Conclusion					Pass	Pass

Parameter	CAS No.	Unit	MDL	Limit	Result(s)
					011
Benzo[b]fluoranthene (BbFA)	205-99-2	mg/kg	0.1	0.5	<0.1
Benzo[a]anthracene (BaA)	56-55-3	mg/kg	0.1	0.5	<0.1
Benzo[a]pyrene (BaP)	50-32-8	mg/kg	0.1	0.5	<0.1
Benzo[e]pyrene (BeP)	192-97-2	mg/kg	0.1	0.5	<0.1
Benzo[j]fluoranthene (BjFA)	205-82-3	mg/kg	0.1	0.5	<0.1
Benzo[k]fluoranthene (BkFA)	207-08-9	mg/kg	0.1	0.5	<0.1
Chrysene (CHR)	218-01-9	mg/kg	0.1	0.5	<0.1
Dibenzo[a,h]anthracene (DBAhA)	53-70-3	mg/kg	0.1	0.5	<0.1
Conclusion					Pass

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8. Regulation (EC) No.1907/2006 (REACH) Annex XVII, Item 43 - Azodyes

Test with reference to EN ISO 14362-1:2017

No.	Prohibited Amines	CAS No.	MDL [mg/kg]	Limit [mg/kg]	Result(s) [mg/kg]	
					003	004
1	4-aminobiphenyl	92-67-1	5.0	<30	<5.0	<5.0
2	Benzidine	92-87-5	5.0	<30	<5.0	<5.0
3	4-chloro-o-toluidine	95-69-2	5.0	<30	<5.0	<5.0
4	2-naphthylamine	91-59-8	5.0	<30	<5.0	<5.0
5	o-aminoazotoluene	97-56-3	5.0	<30	<5.0	<5.0
6	5-nitro-o-toluidine	99-55-8	5.0	<30	<5.0	<5.0
7	4-chloroaniline	106-47-8	5.0	<30	<5.0	<5.0
8	2,4-diaminoanisole	615-05-4	5.0	<30	<5.0	<5.0
9	4,4'-diaminodiphenylmethane	101-77-9	5.0	<30	<5.0	<5.0
10	3,3'-dichlorobenzidine	91-94-1	5.0	<30	<5.0	<5.0
11	3,3'-Dimethoxybenzidine	119-90-4	5.0	<30	<5.0	<5.0
12	3,3'-dimethylbenzidine	119-93-7	5.0	<30	<5.0	<5.0
13	4,4'-methylenedi-o-toluidine	838-88-0	5.0	<30	<5.0	<5.0
14	p-cresidine	120-71-8	5.0	<30	<5.0	<5.0
15	4,4'-methylene-bis-(2-chloro-aniline)	101-14-4	5.0	<30	<5.0	<5.0
16	4,4'-oxydianiline	101-80-4	5.0	<30	<5.0	<5.0
17	4,4'-thiodianiline	139-65-1	5.0	<30	<5.0	<5.0
18	o-toluidine	95-53-4	5.0	<30	<5.0	<5.0
19	2,4-toluenediamine	95-80-7	5.0	<30	<5.0	<5.0
20	2,4,5-trimethylaniline	137-17-7	5.0	<30	<5.0	<5.0
21	2-methoxyaniline	90-04-0	5.0	<30	<5.0	<5.0
22	2,4-xylidine	95-68-1	5.0	<30	9.9	<5.0
23	2,6-xylidine	87-62-7	5.0	<30	<5.0	<5.0
24	4-aminoazobenzene	60-09-3	5.0	<30	<5.0	<5.0
Conclusion					Pass	Pass

No.	Prohibited Amines	CAS No.	MDL [mg/kg]	Limit [mg/kg]	Result(s) [mg/kg]	
					005	006
1	4-aminobiphenyl	92-67-1	5.0	<30	<5.0	<5.0
2	Benzidine	92-87-5	5.0	<30	<5.0	<5.0
3	4-chloro-o-toluidine	95-69-2	5.0	<30	<5.0	<5.0
4	2-naphthylamine	91-59-8	5.0	<30	<5.0	<5.0
5	o-aminoazotoluene	97-56-3	5.0	<30	<5.0	<5.0
6	5-nitro-o-toluidine	99-55-8	5.0	<30	<5.0	<5.0
7	4-chloroaniline	106-47-8	5.0	<30	<5.0	<5.0
8	2,4-diaminoanisole	615-05-4	5.0	<30	<5.0	<5.0
9	4,4'-diaminodiphenylmethane	101-77-9	5.0	<30	<5.0	<5.0
10	3,3'-dichlorobenzidine	91-94-1	5.0	<30	<5.0	<5.0
11	3,3'-Dimethoxybenzidine	119-90-4	5.0	<30	<5.0	<5.0
12	3,3'-dimethylbenzidine	119-93-7	5.0	<30	<5.0	<5.0
13	4,4'-methylenedi-o-toluidine	838-88-0	5.0	<30	<5.0	<5.0
14	p-cresidine	120-71-8	5.0	<30	<5.0	<5.0
15	4,4'-methylene-bis-(2-chloro-aniline)	101-14-4	5.0	<30	<5.0	<5.0



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16	4,4'-oxydianiline	101-80-4	5.0	<30	<5.0	<5.0
17	4,4'-thiodianiline	139-65-1	5.0	<30	<5.0	<5.0
18	o-toluidine	95-53-4	5.0	<30	<5.0	<5.0
19	2,4-toluenediamine	95-80-7	5.0	<30	<5.0	<5.0
20	2,4,5-trimethylaniline	137-17-7	5.0	<30	<5.0	<5.0
21	2-methoxyaniline	90-04-0	5.0	<30	<5.0	<5.0
22	2,4-xylidine	95-68-1	5.0	<30	<5.0	<5.0
23	2,6-xylidine	87-62-7	5.0	<30	<5.0	<5.0
24	4-aminoazobenzene	60-09-3	5.0	<30	<5.0	<5.0
Conclusion					Pass	Pass

No.	Prohibited Amines	CAS No.	MDL [mg/kg]	Limit [mg/kg]	Result(s) [mg/kg]	
					007	008
1	4-aminobiphenyl	92-67-1	5.0	<30	<5.0	<5.0
2	Benzidine	92-87-5	5.0	<30	<5.0	<5.0
3	4-chloro-o-toluidine	95-69-2	5.0	<30	<5.0	<5.0
4	2-naphthylamine	91-59-8	5.0	<30	<5.0	<5.0
5	o-aminoazotoluene	97-56-3	5.0	<30	<5.0	<5.0
6	5-nitro-o-toluidine	99-55-8	5.0	<30	<5.0	<5.0
7	4-chloroaniline	106-47-8	5.0	<30	<5.0	<5.0
8	2,4-diaminoanisole	615-05-4	5.0	<30	<5.0	<5.0
9	4,4'-diaminodiphenylmethane	101-77-9	5.0	<30	<5.0	<5.0
10	3,3'-dichlorobenzidine	91-94-1	5.0	<30	<5.0	<5.0
11	3,3'-Dimethoxybenzidine	119-90-4	5.0	<30	<5.0	<5.0
12	3,3'-dimethylbenzidine	119-93-7	5.0	<30	<5.0	<5.0
13	4,4'-methylenedi-o-toluidine	838-88-0	5.0	<30	<5.0	<5.0
14	p-cresidine	120-71-8	5.0	<30	<5.0	<5.0
15	4,4'-methylene-bis-(2-chloro-aniline)	101-14-4	5.0	<30	<5.0	<5.0
16	4,4'-oxydianiline	101-80-4	5.0	<30	<5.0	<5.0
17	4,4'-thiodianiline	139-65-1	5.0	<30	<5.0	<5.0
18	o-toluidine	95-53-4	5.0	<30	<5.0	<5.0
19	2,4-toluenediamine	95-80-7	5.0	<30	<5.0	<5.0
20	2,4,5-trimethylaniline	137-17-7	5.0	<30	<5.0	<5.0
21	2-methoxyaniline	90-04-0	5.0	<30	<5.0	<5.0
22	2,4-xylidine	95-68-1	5.0	<30	<5.0	<5.0
23	2,6-xylidine	87-62-7	5.0	<30	<5.0	<5.0
24	4-aminoazobenzene	60-09-3	5.0	<30	<5.0	<5.0
Conclusion					Pass	Pass

No.	Prohibited Amines	CAS No.	MDL [mg/kg]	Limit [mg/kg]	Result(s) [mg/kg]	
					010	011
1	4-aminobiphenyl	92-67-1	5.0	<30	<5.0	<5.0
2	Benzidine	92-87-5	5.0	<30	<5.0	<5.0
3	4-chloro-o-toluidine	95-69-2	5.0	<30	<5.0	<5.0
4	2-naphthylamine	91-59-8	5.0	<30	<5.0	<5.0
5	o-aminoazotoluene	97-56-3	5.0	<30	<5.0	<5.0
6	5-nitro-o-toluidine	99-55-8	5.0	<30	<5.0	<5.0
7	4-chloroaniline	106-47-8	5.0	<30	<5.0	<5.0

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8	2,4-diaminoanisole	615-05-4	5.0	<30	<5.0	<5.0
9	4,4'-diaminodiphenylmethane	101-77-9	5.0	<30	<5.0	<5.0
10	3,3'-dichlorobenzidine	91-94-1	5.0	<30	<5.0	<5.0
11	3,3'-Dimethoxybenzidine	119-90-4	5.0	<30	<5.0	<5.0
12	3,3'-dimethylbenzidine	119-93-7	5.0	<30	<5.0	<5.0
13	4,4'-methylenedi-o-toluidine	838-88-0	5.0	<30	<5.0	<5.0
14	p-cresidine	120-71-8	5.0	<30	<5.0	<5.0
15	4,4'-methylene-bis-(2-chloro-aniline)	101-14-4	5.0	<30	<5.0	<5.0
16	4,4'-oxydianiline	101-80-4	5.0	<30	<5.0	<5.0
17	4,4'-thiodianiline	139-65-1	5.0	<30	<5.0	<5.0
18	o-toluidine	95-53-4	5.0	<30	<5.0	<5.0
19	2,4-toluenediamine	95-80-7	5.0	<30	<5.0	<5.0
20	2,4,5-trimethylaniline	137-17-7	5.0	<30	<5.0	<5.0
21	2-methoxyaniline	90-04-0	5.0	<30	<5.0	<5.0
22	2,4-xylidine	95-68-1	5.0	<30	<5.0	<5.0
23	2,6-xylidine	87-62-7	5.0	<30	<5.0	<5.0
24	4-aminoazobenzene	60-09-3	5.0	<30	<5.0	<5.0
Conclusion					Pass	Pass

No.	Prohibited Amines	CAS No.	MDL [mg/kg]	Limit [mg/kg]	Result(s) [mg/kg]
					013
1	4-aminobiphenyl	92-67-1	5.0	<30	<5.0
2	Benzidine	92-87-5	5.0	<30	<5.0
3	4-chloro-o-toluidine	95-69-2	5.0	<30	<5.0
4	2-naphthylamine	91-59-8	5.0	<30	<5.0
5	o-aminoazotoluene	97-56-3	5.0	<30	<5.0
6	5-nitro-o-toluidine	99-55-8	5.0	<30	<5.0
7	4-chloroaniline	106-47-8	5.0	<30	<5.0
8	2,4-diaminoanisole	615-05-4	5.0	<30	<5.0
9	4,4'-diaminodiphenylmethane	101-77-9	5.0	<30	<5.0
10	3,3'-dichlorobenzidine	91-94-1	5.0	<30	<5.0
11	3,3'-Dimethoxybenzidine	119-90-4	5.0	<30	<5.0
12	3,3'-dimethylbenzidine	119-93-7	5.0	<30	<5.0
13	4,4'-methylenedi-o-toluidine	838-88-0	5.0	<30	<5.0
14	p-cresidine	120-71-8	5.0	<30	<5.0
15	4,4'-methylene-bis-(2-chloro-aniline)	101-14-4	5.0	<30	<5.0
16	4,4'-oxydianiline	101-80-4	5.0	<30	<5.0
17	4,4'-thiodianiline	139-65-1	5.0	<30	<5.0
18	o-toluidine	95-53-4	5.0	<30	<5.0
19	2,4-toluenediamine	95-80-7	5.0	<30	<5.0
20	2,4,5-trimethylaniline	137-17-7	5.0	<30	<5.0
21	2-methoxyaniline	90-04-0	5.0	<30	<5.0
22	2,4-xylidine	95-68-1	5.0	<30	<5.0
23	2,6-xylidine	87-62-7	5.0	<30	<5.0
24	4-aminoazobenzene	60-09-3	5.0	<30	<5.0
Conclusion					Pass



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Interpretation of test results:

In the case of the measured value per amine component ≤ 30 mg/kg and according to the analysis

- (1) carried out, the azo colourants banned under the Annex XVII of Regulation (EC) No. 1907/2006, REACH are not detected in the article submitted.
- (2) Banned AZO dyes in accordance to REACH regulation (EC) No. 1907/2006 and Amendment No. 552/2009 Annex XVII Item 43 (formerly known as 2002/61/EC)

-End of Test Report-

