



Test
TS EN ISO/IEC 17025
AB-0342-T

AB-0342-T

144403757a

07/24



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Uluslararası Standartlar Sertifikasyon ve Denetim A.Ş.

Saniye Ermutlu Sokak Çolakoğlu Plaza B Blok No: 12 Kozyatağı-İSTANBUL
Tel: 0 216 665 32 00 - Fax: 0 216 665 32 99
email : info@tr.tuv.com web: www.tr.tuv.com

Deney Raporu
Test report

Müşterinin adı/adresi
Customer name/address

T.C.TİCARET BAKANLIĞI MARMARA BÖLGE / DIŞ TİC.KOMPLEKSİ D BLOK K:3
ÇOBANÇEŞME MEVKİİ, SANAYİ CAD. YENİBOSNA-İSTANBUL, Türkiye

Alıcı Adı
Buyer name

/(Importer:Bigpoint Kırtasiye Sanayi ve Ticaret Limited Şirketi)

Sipariş/Artikel Numarası
Order/Article No.

A25642358 TAREKS / Bigpoint / BP757-12

Numunenin adı ve tarifi
Name and identity of test item

Water color paint

Numunenin kabul tarihi
Date of receipt of test item

2024-07-09(p.m.)

Açıklamalar
Remarks

The results given in this test report belong to the received sample by vendor.

Remark: Revise of test report 144403757 dated 2024-07-18, tareks no has been corrected. Preceding test report is no longer valid.

Proje tarihi
Project date

2024-07-10 to 2024-07-18

Raporun Sayfa Sayısı
Number of pages of the Report

15

Test Kapsamı
Test Scope

Regulation on Import Control of Toys (Product Safety and Control 2024/10) Standard Operation Procedure for Determination of Phthalates & PAHs
EN 71-1 Safety of toys - Part 1: Mechanical and physical properties
EN 71-2 Safety of toys - Part 2: Flammability
EN 71-3 Safety of toys - Part 3: Migration of certain elements

Test Sonucu
Test Result

PASS

TÜV Rheinland Uluslararası Standartlar Sertifikasyon ve Denetim A.Ş. accredited by TÜRKAK under registration number AB-0342-T for ISO/IEC 17025-2017 as test laboratory
The Turkish Accreditation Agency (TÜRKAK) is signatory to the multilateral agreements of the European co-operation for the Accreditation (EA) and of the International Laboratory Accreditation (ILAC) for the Mutual recognition of the test reports.
The test and/or measurement results, the uncertainties (if applicable) with confidence probability and test methods are given on the following, pages which are part of this report

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Deney Raporu
Test report

Tarih
Date

**CR Assistant Manager &
Project Manager**

Chemical Laboratory Manager



2024-07-19

Nalan Aslantas

Kivanc Karatas

TÜV Rheinland Uluslararası Standartlar Sertifikasyon ve Denetim A.Ş.

Kozyatagi Mah. Saniye Ermutlu Sok. No:12
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The results given in this report belong to the received sample by vendor.

This test report shall not be reproduced other than in full except with the permission of the laboratory. Testing reports without signature and seal are not valid.
This test report is signed by digital signature.

TÜV Rheinland testing laboratories apply the Zero Guard band rule for statement of conformity evaluation, unless other decision rule is required by the customer.

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Test Result Summary :

Test Specification:

- 1 EN 71-1:2014+A1:2018 Mechanical and physical properties
- 2 EN 71-2:2020 Flammability
- 3 EN 71-3:2019+A1:2021 Migration of 19 Elements
- 4 Phthalates content
- 5 Polycyclic aromatic hydrocarbons (PAHs)

Test result:

PASS
PASS
PASS
PASS
PASS

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1. Photo



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2. List of Materials

Material List:

Material No.	Material	Color	Location
M001	Whole Product	-	Whole Sample
M002	Paper	Multicolor	Box
M003	Plastic	Black	Water color paint box
M004	Plastic	Transparent	Water color paint box cap
M005	Plastic	Brown	Brush handle
M006	Wood	Black	Brush
M007	Paint	Black	Paint
M008	Paint	Brown	Paint
M009	Paint	Orange	Paint
M010	Paint	Lt. Green	Paint
M011	Paint	Green	Paint
M012	Paint	Blue	Paint
M013	Paint	White	Paint
M014	Paint	Yellow	Paint
M015	Paint	Lt.Brown	Paint
M016	Paint	Red	Paint
M017	Paint	Maroon	Paint
M018	Paint	Purple	Paint

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1. EN 71-1:2014+A1:2018 Mechanical and physical properties
Test result:

	Test No:	T001
	Material No:	M001
Provided age grade		Over 3 years
Appropriate age grading		Over 3 years
Testing age grading		Over 3 years
4. General requirements		
4.1 Material cleanliness		Pass
4.2 Assembly		N/A
4.3 Flexible plastic sheeting		N/A
4.4 Toy bags		N/A
4.5 Glass		N/A
4.6 Expanding materials		N/A
4.7 Edges		Pass
4.8 Points and metallic wires		Pass
4.9 Protruding parts		N/A
4.10 Parts moving against each other		N/A
4.10.1 Folding and sliding mechanisms		N/A
4.10.2 Driving Mechanisms		N/A
4.10.3 Hinges		N/A
4.10.4 Springs		N/A
4.11 Mouth-actuated toys and other toys intended to be put in the mouth		N/A
4.12 Balloons		N/A
4.13 Cords of toy kites and other flying toys		N/A
4.14 Enclosures		N/A
4.14.1 Toys which a child can enter		N/A
4.14.2 Masks and Helmets		N/A
4.15 Toys intended to bear the mass of a child		N/A
4.15.1.3 Strength		N/A
4.15.1.4 Stability		N/A
4.15.1.5 Braking		N/A
4.15.1.6 Transmission and wheel arrangement		N/A
4.15.1.7 Adjustable seat pillar and handlebar stem minimum insertion marks		N/A
4.15.1.8 Electrically-driven ride-on toys		N/A
4.15.2.3 Braking requirement		N/A
4.15.3 Rocking horses and similar toys		N/A
4.15.4 Toys not propelled by a child		N/A
4.15.5.3 Strength		N/A

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4.15.5.4 Adjustable and Folding steering tubes	N/A
4.15.5.5 Braking	N/A
4.15.5.6 Wheel size	N/A
4.15.5.7 Protruding parts	N/A
4.16 Heavy immobile toys	N/A
4.17 Projectile toys	N/A
4.18 Aquatic toys and inflatable toys	N/A
4.19 Percussion caps specifically designed for use in toys and toys using percussion caps	N/A
4.20 Acoustics	N/A
4.21 Toys containing a non-electrical heat source	N/A
4.22 Small balls	N/A
4.23 Magnets	N/A
4.24 Yo-yo balls	N/A
4.25 Toys attached to food	N/A
4.26 Toy disguise costumes	N/A
4.27 Flying toys	N/A
5. Toys intended for children under 36 months	
5.1 General requirements	N/A
5.2 Soft-filled toys and soft-filled parts of a toy	N/A
5.3 Plastic sheeting	N/A
5.4 Cords, chains and electrical cables in toys	N/A
5.5 Liquid-filled toys	N/A
5.6 Speed limitation of electrically-driven ride-on toys	N/A
5.7 Glass and porcelain	N/A
5.8 Shape and size of certain toys	N/A
5.9 Toys comprising monofilament fibres	N/A
5.10 Small balls	N/A
5.11 Play figures	N/A
5.12 Hemispheric- shaped toys	N/A
5.13 Suction cups	N/A
5.14 Straps intended to be worn fully or partially around the neck	N/A
5.15 Sledges with cords for pulling	N/A
6. Packaging	N/A
7. Warnings, markings and instructions for use	
7.1 General	Pass
7.2 Toys not intended for children under 36 months	Pass
7.3 Latex balloons	N/A
7.4 Aquatic toys	N/A
7.5 Functional toys	N/A

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7.6 Hazardous sharp functional edges and points	N/A
7.7 Projectile toys	N/A
7.8 Imitation protective masks and helmets	N/A
7.9 Toy kites	N/A
7.10 Roller skates, inline skates, skateboards and certain other ride-on toys	N/A
7.11 Toys otherwise intended to be strung across a cradle, cot, or perambulator	N/A
7.12 Liquid-filled teethingers	N/A
7.13 Percussion caps specifically designed for use in toys	N/A
7.14 Acoustics	N/A
7.15 Toy bicycles	N/A
7.16 Toys intended to bear the mass of a child	N/A
7.17 Toys comprising monofilament fibres	N/A
7.18 Toy scooters	N/A
7.19 Rocking horses and similar toys	N/A
7.20 Magnetic/ electrical experimental sets	N/A
7.21 Toys with electrical cables exceeding 300 mm in length	N/A
7.22 Toys with cords or chains intended for children of 18 months and over but under 36 months	N/A
7.23 Toys intended to be attached to a cradle, cot or perambulator	N/A
7.24 Sledges with cords for pulling	N/A
7.25 Flying toys	N/A
7.26 Improvised projectiles	N/A

The clause and/or sub-clause would be indicated only in the test report whichever applicable. The comprehensive result report is available upon request.

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2. EN 71-2:2020 Flammability**Test result:**

	Test No:	T001
	Material No:	M001
4.1 General requirements		Pass
Flammability on Liquid #		N/A
Flash Point		Pass
Result		Pass
4.2 Toys to be worn on the head		N/A
4.3 Toy disguise costumes and toys intended to be worn by a child in play		N/A
4.4 Toys intended to be entered by a child		N/A
4.5 Soft-filled toys		N/A
Burn rate		Pass

The clause and/or sub-clause would be indicated only in the test report whichever applicable. The comprehensive result report is available upon request.

Remark:

Exemption 4.1-Toys contain flammable gases, extremely flammable liquids, highly flammable liquids, flammable liquids and flammable gels, are out of scope.

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3. EN 71-3:2019+A1:2021 Migration of 19 Elements

Test Method: with reference to EN 71-3:2019+A1:2021, analyzed by ICP-OES / ICP-MS / LC-ICP-MS/IC-UV/GC-MS.

2) For liquid or sticky toy materials:

Test Result:

				Test No.	T004	T005	T006
				Material No.	M007	M008	M009
Test Parameter	Unit	RL	Regulatory Requirement	Result	Result	Result	Result
Aluminium (Al)	mg/kg	10	560	n.d.	n.d.	n.d.	n.d.
Antimony (Sb)	mg/kg	1	11.3	n.d.	n.d.	n.d.	n.d.
Arsenic (As)	mg/kg	0.5	0.9	n.d.	n.d.	n.d.	n.d.
Barium (Ba)	mg/kg	2.5	375	n.d.	n.d.	n.d.	n.d.
Boron (B)	mg/kg	10	300	n.d.	n.d.	n.d.	n.d.
Cadmium (Cd)	mg/kg	0.1	0.3	n.d.	n.d.	n.d.	n.d.
Chromium III (Cr(III))	mg/kg	1	9.4	n.d.	n.d.	n.d.	n.d.
Chromium VI (Cr(VI))	mg/kg	0.004	0.005	n.d.	n.d.	n.d.	n.d.
Cobalt (Co)	mg/kg	0.5	2.6	n.d.	n.d.	n.d.	n.d.
Copper (Cu)	mg/kg	2.5	156	n.d.	n.d.	n.d.	n.d.
Lead (Pb)	mg/kg	0.4	0.5	n.d.	n.d.	n.d.	n.d.
Manganese (Mn)	mg/kg	2.5	300	n.d.	n.d.	n.d.	n.d.
Mercury (Hg)	mg/kg	0.5	1.9	n.d.	n.d.	n.d.	n.d.
Nickel (Ni)	mg/kg	2.5	18.8	n.d.	n.d.	n.d.	n.d.
Selenium (Se)	mg/kg	2.5	9.4	n.d.	n.d.	n.d.	n.d.
Strontium (Sr)	mg/kg	2.5	1,125	n.d.	n.d.	n.d.	n.d.
Tin (Sn)	mg/kg	0.06	3,750	n.d.	n.d.	n.d.	n.d.
Organic Tin [^]	mg/kg	0.2	0.2	n.d.	n.d.	n.d.	n.d.
Zinc (Zn)	mg/kg	10	938	n.d.	n.d.	n.d.	n.d.

Abbreviation: < less than
 RL = Reporting Limit
 mg/kg denotes milligram per kilogram
 ^ denotes Organic tin are not necessary to be determined when the Tin concentration is less than calculated limit (0.067 mg/kg)

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Test Result:

				Test No.	T007	T008	T009
				Material No.	M010	M011	M012
Test Parameter	Unit	RL	Regulatory Requirement	Result	Result	Result	Result
Aluminium (Al)	mg/kg	10	560	n.d.	n.d.	n.d.	n.d.
Antimony (Sb)	mg/kg	1	11.3	n.d.	n.d.	n.d.	n.d.
Arsenic (As)	mg/kg	0.5	0.9	n.d.	n.d.	n.d.	n.d.
Barium (Ba)	mg/kg	2.5	375	n.d.	n.d.	n.d.	n.d.
Boron (B)	mg/kg	10	300	n.d.	n.d.	n.d.	n.d.
Cadmium (Cd)	mg/kg	0.1	0.3	n.d.	n.d.	n.d.	n.d.
Chromium III (Cr(III))	mg/kg	1	9.4	n.d.	n.d.	n.d.	n.d.
Chromium VI (Cr(VI))	mg/kg	0.004	0.005	n.d.	n.d.	n.d.	n.d.
Cobalt (Co)	mg/kg	0.5	2.6	n.d.	n.d.	n.d.	n.d.
Copper (Cu)	mg/kg	2.5	156	n.d.	n.d.	n.d.	n.d.
Lead (Pb)	mg/kg	0.4	0.5	n.d.	n.d.	n.d.	n.d.
Manganese (Mn)	mg/kg	2.5	300	n.d.	n.d.	n.d.	n.d.
Mercury (Hg)	mg/kg	0.5	1.9	n.d.	n.d.	n.d.	n.d.
Nickel (Ni)	mg/kg	2.5	18.8	n.d.	n.d.	n.d.	n.d.
Selenium (Se)	mg/kg	2.5	9.4	n.d.	n.d.	n.d.	n.d.
Strontium (Sr)	mg/kg	2.5	1,125	n.d.	n.d.	n.d.	n.d.
Tin (Sn)	mg/kg	0.06	3,750	n.d.	n.d.	n.d.	n.d.
Organic Tin [^]	mg/kg	0.2	0.2	n.d.	n.d.	n.d.	n.d.
Zinc (Zn)	mg/kg	10	938	n.d.	n.d.	n.d.	n.d.

Abbreviation:

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RL =	Reporting Limit
mg/kg	denotes milligram per kilogram
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Test Result:

				Test No.	T010	T011	T012
				Material No.	M013	M014	M015
Test Parameter	Unit	RL	Regulatory Requirement	Result	Result	Result	Result
Aluminium (Al)	mg/kg	10	560	n.d.	n.d.	n.d.	n.d.
Antimony (Sb)	mg/kg	1	11.3	n.d.	n.d.	n.d.	n.d.
Arsenic (As)	mg/kg	0.5	0.9	n.d.	n.d.	n.d.	n.d.
Barium (Ba)	mg/kg	2.5	375	n.d.	n.d.	n.d.	n.d.
Boron (B)	mg/kg	10	300	n.d.	n.d.	n.d.	n.d.
Cadmium (Cd)	mg/kg	0.1	0.3	n.d.	n.d.	n.d.	n.d.
Chromium III (Cr(III))	mg/kg	1	9.4	n.d.	n.d.	n.d.	n.d.
Chromium VI (Cr(VI))	mg/kg	0.004	0.005	n.d.	n.d.	n.d.	n.d.
Cobalt (Co)	mg/kg	0.5	2.6	n.d.	n.d.	n.d.	n.d.
Copper (Cu)	mg/kg	2.5	156	n.d.	n.d.	n.d.	n.d.
Lead (Pb)	mg/kg	0.4	0.5	n.d.	n.d.	n.d.	n.d.
Manganese (Mn)	mg/kg	2.5	300	n.d.	n.d.	n.d.	n.d.
Mercury (Hg)	mg/kg	0.5	1.9	n.d.	n.d.	n.d.	n.d.
Nickel (Ni)	mg/kg	2.5	18.8	n.d.	n.d.	n.d.	n.d.
Selenium (Se)	mg/kg	2.5	9.4	n.d.	n.d.	n.d.	n.d.
Strontium (Sr)	mg/kg	2.5	1,125	n.d.	n.d.	n.d.	n.d.
Tin (Sn)	mg/kg	0.06	3,750	n.d.	n.d.	n.d.	n.d.
Organic Tin [^]	mg/kg	0.2	0.2	n.d.	n.d.	n.d.	n.d.
Zinc (Zn)	mg/kg	10	938	n.d.	n.d.	n.d.	n.d.

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Test Result:

				Test No.	T013	T014	T015
				Material No.	M016	M017	M018
Test Parameter	Unit	RL	Regulatory Requirement	Result	Result	Result	Result
Aluminium (Al)	mg/kg	10	560	n.d.	n.d.	n.d.	n.d.
Antimony (Sb)	mg/kg	1	11.3	n.d.	n.d.	n.d.	n.d.
Arsenic (As)	mg/kg	0.5	0.9	n.d.	n.d.	n.d.	n.d.
Barium (Ba)	mg/kg	2.5	375	n.d.	n.d.	n.d.	n.d.
Boron (B)	mg/kg	10	300	n.d.	n.d.	n.d.	n.d.
Cadmium (Cd)	mg/kg	0.1	0.3	n.d.	n.d.	n.d.	n.d.
Chromium III (Cr(III))	mg/kg	1	9.4	n.d.	n.d.	n.d.	n.d.
Chromium VI (Cr(VI))	mg/kg	0.004	0.005	n.d.	n.d.	n.d.	n.d.
Cobalt (Co)	mg/kg	0.5	2.6	n.d.	n.d.	n.d.	n.d.
Copper (Cu)	mg/kg	2.5	156	n.d.	n.d.	n.d.	n.d.
Lead (Pb)	mg/kg	0.4	0.5	n.d.	n.d.	n.d.	n.d.
Manganese (Mn)	mg/kg	2.5	300	n.d.	n.d.	n.d.	n.d.
Mercury (Hg)	mg/kg	0.5	1.9	n.d.	n.d.	n.d.	n.d.
Nickel (Ni)	mg/kg	2.5	18.8	n.d.	n.d.	n.d.	n.d.
Selenium (Se)	mg/kg	2.5	9.4	n.d.	n.d.	n.d.	n.d.
Strontium (Sr)	mg/kg	2.5	1,125	n.d.	n.d.	n.d.	n.d.
Tin (Sn)	mg/kg	0.06	3,750	n.d.	n.d.	n.d.	n.d.
Organic Tin [^]	mg/kg	0.2	0.2	n.d.	n.d.	n.d.	n.d.
Zinc (Zn)	mg/kg	10	938	n.d.	n.d.	n.d.	n.d.

Abbreviation:

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RL =	Reporting Limit
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3) For scraped-off toy materials:

Test Result:

				Test No.	T001	T003	T002
				Material No.	M002	M006	M003 + M004
Test Parameter	Unit	RL	Regulatory Requirement	Result	Result	Result	Result
Aluminium (Al)	mg/kg	500	28,130	n.d.	n.d.	n.d.	n.d.
Antimony (Sb)	mg/kg	5	560	n.d.	n.d.	n.d.	n.d.
Arsenic (As)	mg/kg	0.5	47	n.d.	n.d.	n.d.	n.d.
Barium (Ba)	mg/kg	200	18,750	n.d.	n.d.	n.d.	n.d.
Boron (B)	mg/kg	200	15,000	n.d.	n.d.	n.d.	n.d.
Cadmium (Cd)	mg/kg	0.2	17	n.d.	n.d.	n.d.	n.d.
Chromium III (Cr(III))	mg/kg	1	460	n.d.	n.d.	n.d.	n.d.
Chromium VI (Cr(VI))	mg/kg	0.045	0.053	n.d.	n.d.	n.d.	n.d.
Cobalt (Co)	mg/kg	1.5	130	n.d.	n.d.	n.d.	n.d.
Copper (Cu)	mg/kg	50	7,700	n.d.	n.d.	n.d.	n.d.
Lead (Pb)	mg/kg	0.2	23	1,3	n.d.	n.d.	n.d.
Manganese (Mn)	mg/kg	200	15,000	n.d.	n.d.	n.d.	n.d.
Mercury (Hg)	mg/kg	0.5	94	n.d.	n.d.	n.d.	n.d.
Nickel (Ni)	mg/kg	10	930	n.d.	n.d.	n.d.	n.d.
Selenium (Se)	mg/kg	5	460	n.d.	n.d.	n.d.	n.d.
Strontium (Sr)	mg/kg	500	56,000	n.d.	n.d.	n.d.	n.d.
Tin (Sn)	mg/kg	5	180,000	n.d.	n.d.	n.d.	n.d.
Organic Tin [^]	mg/kg	0.04	12	n.d.	n.d.	n.d.	n.d.
Zinc (Zn)	mg/kg	500	46,000	n.d.	n.d.	n.d.	n.d.

Abbreviation: < less than
 RL = Reporting Limit
 mg/kg denotes milligram per kilogram
 ^ denotes Organic tin are not necessary to be determined when the Tin concentration is less than calculated limit (3.6 mg/kg) or the components were confirmed to be pure metal

Remark:

- * Categorization of toys materials is based on the material texture. According to point H.11 of Annex H to EN 71-3:2019+A1:2021 / BS EN 71-3:2019+A1:2021 , cosmetic materials with dry, brittle, powder like or pliable texture such as lipstick and eyeshadow are considered as category I materials. However, as a reminder, it cannot preclude the possibility that some national enforcement authorities might take a more stringent action to treat cosmetic materials as sticky and evaluate according to category II requirement as they are intended to be applied on skin and retained for long time.
- ** For any test portion containing grease, oil, wax or similar material, such materials would has been removed with isooctane by using Soxhlet extraction.
- **** The highlighted result was found to be more than the maximum permissible limit.
- ***** According to EN 71-3:2019+A1:2021, if the weight of a test portion of toy material is less than 10mg, the analysis of migration of certain elements would not be required. If the weight of a test portion of toy material is between 10mg and 100mg, the analytical results would be calculated as though 100mg of the test portion had been used.

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4. Phthalates content

Test Method: Ref. to CPSC-CH-C1001-09.4

Test Result:

					Test No.	T002	T003	T004
					Material No.	M006	M007 + M008 + M009	M010 + M011 + M012
Test Parameter	CAS NO	Unit	RL	Regulatory Requirement	Result	Result	Result	
Diethylhexyl phthalate (DEHP)	117-81-7	%	0.005	0.1	n.d.	n.d.	n.d.	
Dibutyl phthalate (DBP)	84-74-2	%	0.005	0.1	n.d.	n.d.	n.d.	
Benzylbutyl phthalate (BBP)	85-68-7	%	0.005	0.1	n.d.	n.d.	n.d.	
Diisobutyl phthalate (DIBP)	84-69-5	%	0.005	0.1	n.d.	n.d.	n.d.	
Sum (DEHP+DBP+BBP +DIBP)	-	%	0.005	0.1	n.d.	n.d.	n.d.	
Diisononyl phthalate (DINP)	28553-12-0, 68515-48-0	%	0.005	0.1	n.d.	n.d.	n.d.	
Diisodecyl phthalate (DIDP)	26761-40-0, 68515-49-1	%	0.005	0.1	n.d.	n.d.	n.d.	
Di-n-octyl phthalate (DNOP)	117-84-0	%	0.005	0.1	n.d.	n.d.	n.d.	
Sum (DINP+ DIDP+ DNOP)	-	%	0.005	0.1	n.d.	n.d.	n.d.	

					Test No.	T001	T005	T006
					Material No.	M003 + M004	M013 + M014 + M015	M016 + M017 + M018
Test Parameter	CAS NO	Unit	RL	Regulatory Requirement	Result	Result	Result	
Diethylhexyl phthalate (DEHP)	117-81-7	%	0.005	0.1	n.d.	n.d.	n.d.	
Dibutyl phthalate (DBP)	84-74-2	%	0.005	0.1	n.d.	n.d.	n.d.	
Benzylbutyl phthalate (BBP)	85-68-7	%	0.005	0.1	n.d.	n.d.	n.d.	
Diisobutyl phthalate (DIBP)	84-69-5	%	0.005	0.1	n.d.	n.d.	n.d.	
Sum (DEHP+DBP+BBP +DIBP)	-	%	0.005	0.1	n.d.	n.d.	n.d.	
Diisononyl phthalate (DINP)	28553-12-0, 68515-48-0	%	0.005	0.1	n.d.	n.d.	n.d.	
Diisodecyl phthalate (DIDP)	26761-40-0, 68515-49-1	%	0.005	0.1	n.d.	n.d.	n.d.	
Di-n-octyl phthalate (DNOP)	117-84-0	%	0.005	0.1	n.d.	n.d.	n.d.	
Sum (DINP+ DIDP+ DNOP)	-	%	0.005	0.1	n.d.	n.d.	n.d.	

Abbreviation: < = less than
 RL = Reporting Limit
 % = percentage

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5. Polycyclic aromatic hydrocarbons (PAHs)

Test Method: AfPS GS 2019:01 PAK

Test Result:

Test No.				T002	T003	T004
Material No.				M006	M007 + M008 + M009	M010 + M011 + M012
Test Parameter	CAS NO	Unit	RL	Result	Result	Result
Benzo[a]anthracene	56-55-3	mg/kg	0.1	n.d.	n.d.	n.d.
Benzo[a]pyrene(BaP)	50-32-8	mg/kg	0.1	n.d.	n.d.	n.d.
Benzo[b]fluoranthene	205-99-2	mg/kg	0.1	n.d.	n.d.	n.d.
Benzo[k]fluoranthene	207-08-9	mg/kg	0.1	n.d.	n.d.	n.d.
Benzo[j]fluoranthene	205-82-3	mg/kg	0.1	n.d.	n.d.	n.d.
Benzo[e]pyrene	192-97-2	mg/kg	0.1	n.d.	n.d.	n.d.
Chrysene	218-01-9	mg/kg	0.1	n.d.	n.d.	n.d.
Dibenzo[a,h]anthracene	53-70-3	mg/kg	0.1	n.d.	n.d.	n.d.

Test No.				T005	T006	T001
Material No.				M013 + M014 + M015	M016 + M017 + M018	M003 + M004
Test Parameter	CAS NO	Unit	RL	Result	Result	Result
Benzo[a]anthracene	56-55-3	mg/kg	0.1	n.d.	n.d.	n.d.
Benzo[a]pyrene(BaP)	50-32-8	mg/kg	0.1	n.d.	n.d.	n.d.
Benzo[b]fluoranthene	205-99-2	mg/kg	0.1	n.d.	n.d.	n.d.
Benzo[k]fluoranthene	207-08-9	mg/kg	0.1	n.d.	n.d.	n.d.
Benzo[j]fluoranthene	205-82-3	mg/kg	0.1	n.d.	n.d.	n.d.
Benzo[e]pyrene	192-97-2	mg/kg	0.1	n.d.	n.d.	n.d.
Chrysene	218-01-9	mg/kg	0.1	n.d.	n.d.	n.d.
Dibenzo[a,h]anthracene	53-70-3	mg/kg	0.1	n.d.	n.d.	n.d.

Abbreviation: < = less than
 RL = Reporting Limit
 NA = Not Applicable
 mg/kg = milligram per kilogram

Remark:

- * Limit for each single and total PAHs: 0,5 mg/kg
- ** Single components with an amount of <0.1 mg/kg were not considered by the calculation of the sum. In the case of all 8 PAHs were not detected, the result is stated < RL

- END -