Test Report Number: SHAH01893140

Applicant: JIANGYIN JINAR INTERNATIONAL CORP
NO.79 , RENMIN ROAD, GUSHAN TOWN,
JIANGYIN
Attn: MONICA

Date: 26 Nov, 2025

Sample Description:

One(1) piece of submitted sample said to be :

Item Name	:	Golden black PU basketball
Item No.	:	
P O NO.	:	
Labelled Age Group	:	Not Specified.
Packaging Provided By Applicant	:	No
Supplier	:	JIANGYIN JINAR INTERNATIONAL CORP
Goods Exported To	:	Germany
Country Of Origin	:	CHINA

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Tests Conducted:

As requested by the applicant, for details refer to attached page(s).

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Prepared And Checked By:
For Intertek Testing Services Wuxi Ltd.

Bill Zhang
General Manager

INTERTEK TESTING SERVICES WUXI LTD. 无锡天祥质量技术服务有限公司 检验检测专用章 (2)

Intertek Testing Services Wuxi Ltd.
无锡天祥质量技术服务有限公司

No.8 Fubei Road, Xishan Economic Development Zone, Wuxi, Jiangsu, China. 214101
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Conclusion:

Tested Sample	Standard	Result
Submitted Sample	EN71-1: 2014+ A1: 2018 For Mechanical And Physical Properties	Pass
Submitted Sample	EN71-2: 2020 Flammability Test	Pass
Submitted Sample	EN71-2: 2020+A1: 2025 Flammability Test	Pass
Tested Components Of Submitted Sample	EN 71-3: 2019+A1: 2021 On Migration Of Certain Elements	Pass
Tested Components Of Submitted Sample	EN 71-3: 2019+A2: 2024 On Migration Of Certain Elements	Pass
Tested Components Of Submitted Sample	Cadmium content requirement in Commission Regulation (EU) No. 494/2011 of 20 May 2011, (EU) No. 835/2012 of 18 September 2012 and (EU) No. 2016/217 of 16 February 2016 Amending Annex XVII entry 23 of the REACH Regulation (EC) No. 1907/2006	Pass
Tested Components Of Submitted Sample	REACH Regulation (EC) No. 1907/2006 Annex XVII, Entry 51 and Entry 52 & Amendments No. 552/2009 & (EU) 2018/2005 on Phthalates Content	Pass
Tested Components Of Submitted Sample	Polycyclic Aromatic Hydrocarbons (PAHs) content in Annex XVII Entry 50 of the REACH Regulation (EC) No. 1907/2006 & amendment (EU) No. 1272/2013	Pass
Tested Components Of Submitted Sample	Organotin content requirement in Annex XVII Entry 20 of the REACH Regulation (EC) No.1907/2006 & Amendment (EU) No.276/2010	Pass
Tested Components Of Submitted Sample	EU POPs Regulation (EU) 2019/1021 on Short-Chain Chlorinated Paraffins (C10~C13)(SCCPs) Content	Pass
Tested Components Of Submitted Sample	EU REACH Regulation No 1907/2006 Article 33(1) Obligation to provide information of safe use (see REACH and Waste Framework Directive (WFD) requirement in report for details)	Meet Requirement

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Tests Conducted

1 Mechanical and Physical Test

As Per European Standard on Safety of Toys EN71-1: 2014+ A1: 2018.

Applicant's Specified Age Group for Testing: Over 8 years.

Clause	Testing Items	Assessment
4	General Requirements	
4.1	Material cleanliness	P
4.2	Assembly	NA
4.3	Flexible plastic sheeting	NA
4.4	Toy bags	NA
4.5	Glass	NA
4.6	Expanding materials	NA
4.7	Edges	P
4.8	Points and metallic wires	P
4.9	Protruding parts	NA
4.10	Parts moving against each other	NA
4.11	Mouth actuated toys and other toys intended to be put in the mouth	NA
4.12	Balloons	NA
4.13	Cords of toy kites and other flying toys	NA
4.14	Enclosures	NA
4.15	Toys intended to bear the mass of a child	NA
4.16	Heavy immobile toys	NA
4.17	Projectile toys	P
4.18	Aquatic toys and inflatable toys	NA
4.19	Percussion caps specifically designed for use in toys and toys using percussion caps	NA
4.20	Acoustics	NA
4.21	Toys containing a non-electrical heat source	NA
4.22	Small balls	NA
4.23	Magnets	NA
4.24	Yo-yo balls	NA
4.25	Toys attached to food	NA
4.26	Toy disguise costumes	NA
4.27	Flying toys	NA
5	Toys intended for Children under 36 Months	
5.1	General requirements	NA
5.2	Soft-filled toys and soft-filled parts of a toy	NA
5.3	Plastic sheeting	NA
5.4	Cords, chains and electrical cables in toys	NA
5.5	Liquid filled toys	NA
5.6	Speed limitation of electrically-driven ride-on toys	NA

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Clause	Testing Items	Assessment
5.7	Glass and porcelain	NA
5.8	Shape and size of certain toys	NA
5.9	Toys comprising monofilament fibres	NA
5.10	Small balls	NA
5.11	Play figures	NA
5.12	Hemispheric-shaped toys	NA
5.13	Suction cups	NA
5.14	Straps intended to be worn fully or partially around the neck	NA
5.15	Sledges with cords for pulling	NA
6	Packaging	NA
7	Warnings, markings and instructions for use	
7.1	General	P
7.2	Toys not intended for children under 36 months	NA
7.3	Latex balloons	NA
7.4	Aquatic toys	NA
7.5	Functional toys	NA
7.6	Hazardous sharp functional edges and points	NA
7.7	Projectile toys	NA
7.8	Imitation protective masks and helmets	NA
7.9	Toy kites	NA
7.10	Roller skates, inline skates and skateboards and certain other ride-on toys	NA
7.11	Toys intended to be strung across a cradle, cot, or perambulator	NA
7.12	Liquid-filled teethers	NA
7.13	Percussion caps specifically designed for use in toys	NA
7.14	Acoustics	NA
7.15	Toy bicycles	NA
7.16	Toys intended to bear the mass of a child	NA
7.17	Toys comprising monofilament fibres	NA
7.18	Toy scooters	NA
7.19	Rocking horses and similar toys	NA
7.20	Magnetic/electrical experimental sets	NA
7.21	Toys with electrical cables exceeding 300 mm in length	NA
7.22	Toys with cords or chains intended for children of 18 months and over but under 36 months	NA
7.23	Toys intended to be attached to a cradle, cot or perambulator	NA
7.24	Sledges with cords for pulling	NA
7.25	Flying toys	NA
7.26	Improvised projectiles	NA

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Tests Conducted
Remark： P = Pass NA = Not Applicable

Remark: Additional information according to the Toy Safety Directives 2009/48/EC requirement. These information also appears as a note within the EN 71 but are not standard requirements:

1. Marking

The manufacturer's and importer's name, registered trade name or registered trade mark, the address and the CE-marking shall be indicated on the toy or, where that is not possible, on its packaging or in a document accompany the toy. In addition, manufacturers shall ensure that their toys 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.

After checking, it was found that:

	Toy	Packaging
Manufacturer's name	Absent	Absent
Manufacturer's address	Absent	Absent
Importer's name	Absent	Absent
Importer's address	Absent	Absent
Product identification code	Present	Absent
CE-marking	Absent	Absent

Below is additional information checking according to the UK Toy (Safety) Regulations requirement.

Marking

The manufacturer's and importer's name, registered trade name or registered trademark, the address and type, batch, serial or model number or other element allowing their identification shall be indicated on the product itself.

After checking, it was found that:

	Toy	Packaging
Name of authorised representative in Great Britain	Present	Absent
Address of authorised representative in Great Britain	Present	Absent
Product identification code	Present	Absent

With reference to the guidance of using UKCA marking from 1 January 2021 by the Department for Business, Energy and Industrial Strategy published on 1 September 2020.

After checking **UKCA marking**, it was found that:

	Toy	Packaging
UKCA marking	Absent	Absent

Date Sample Received : 17 Nov, 2025
Testing Period : 17 Nov, 2025 To 19 Nov, 2025

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Tests Conducted

2 Flammability Test

As per European Standard on Safety of Toys EN71-2: 2020

Clause	Testing Items	Assessment
4.1	General	P
4.2	Toys to be worn on the head	
4.2.2	Beards, moustaches, wigs, etc., made from pile or flowing elements which protrude 50 mm or more from the surface of the toy	NA
4.2.3	Beards, moustaches, wigs, etc., made from pile or flowing elements which protrude less than 50 mm from the surface of the toy	NA
4.2.4	Full or partial moulded head masks	NA
4.2.5	Toys to be worn on the head	NA
4.3	Toy Disguise Costumes and Toys Intended to be Worn by a Child in Play	NA
4.4	Toys Intended to be Entered by a Child	NA
4.5	Soft Filled Toys	NA

Remark： P = Pass NA = Not Applicable

Date Sample Received : 17 Nov, 2025
Testing Period : 17 Nov, 2025 To 19 Nov, 2025

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Tests Conducted

3 Flammability Test

As per European Standard on Safety of Toys EN71-2: 2020+A1: 2025

Clause	Testing Items	Assessment
4.1	General	P
4.2	Toys to be worn on the head	
4.2.2	Beards, moustaches, wigs, etc., made from pile or flowing elements which protrude 50 mm or more from the surface of the toy	NA
4.2.3	Beards, moustaches, wigs, etc., made from pile or flowing elements which protrude less than 50 mm from the surface of the toy	NA
4.2.4	Full or partial moulded head masks	NA
4.2.5	Toys to be worn on the head	NA
4.3	Toy Disguise Costumes and Toys Intended to be Worn by a Child in Play	NA
4.4	Toys Intended to be Entered by a Child	NA
4.5	Soft Filled Toys	NA

Remark： P = Pass NA = Not Applicable

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Tests Conducted

4 19 Toxic Element Migration Test (EN 71-3: 2019+A1: 2021)

(A) Test Result

As per EN 71-3: 2019+A1: 2021 and followed by Inductively Coupled Plasma Atomic Emission Spectrometry, Inductively Coupled Argon Mass Spectrometry, Ion Chromatography- Inductively Coupled Plasma-Mass Spectrometry, Ion Chromatography with UV-VIS and Gas Chromatographic - Mass Spectrometry.

Category (III): Scraped-off toy material

Element	Result (mg/kg)						Reporting Limit (mg/kg)	Limit (mg/kg)
	(1)	(2)	(3)	(4)	(5)	(6)		
Aluminium (Al)	ND	1772	ND	ND	ND	ND	300	28130
Antimony (Sb)	ND	ND	ND	ND	ND	ND	10	560
Arsenic (As)	ND	ND	ND	ND	ND	ND	10	47
Barium (Ba)	ND	ND	ND	ND	ND	ND	10	18750
Boron (B)	ND	ND	ND	ND	ND	ND	50	15000
Cadmium (Cd)	ND	ND	ND	ND	ND	ND	5	17
Chromium (III) (Cr III) ++	ND	ND	ND	ND	ND	ND	10	460
Chromium (VI) (Cr VI) ++	ND	ND#	ND	ND	ND	ND	0.025	0.053
Cobalt (Co)	ND	ND	ND	ND	ND	ND	10	130
Copper (Cu)	ND	ND	ND	ND	ND	ND	10	7700
Lead (Pb)	ND	ND	ND	ND	ND	ND	10	23
Manganese (Mn)	ND	ND	ND	ND	ND	ND	10	15000
Mercury (Hg)	ND	ND	ND	ND	ND	ND	10	94
Nickel (Ni)	ND	ND	ND	ND	ND	ND	10	930
Selenium (Se)	ND	ND	ND	ND	ND	ND	10	460
Strontium (Sr)	ND	ND	ND	ND	ND	ND	100	56000
Tin (Sn)	ND	ND	ND	ND	ND	ND	2.5	180000
Organic tin ++	ND	ND	ND	ND	ND	ND	5	12
Zinc (Zn)	ND	227	ND	ND	237	ND	100	46000

Remark: mg/kg = milligram per kilogram
++ = Unless the test results were marked with "#" or "Δ", Chromium (III) & Chromium (VI) and Organic tin contents were not directly determined and were derived from migration results of total chromium and tin respectively.
- Organic tin test result was expressed as tributyl tin.
ND = Not Detected (less than reporting limit)
# = Confirmation of Chromium (VI) test was performed on the tested component. And the reported value of migration of Chromium (III) = migration value of total Chromium – migration value of Chromium (VI).
Δ = Confirmation test was performed on the tested component. The reported value was the sum of the migration values of Dimethyl tin, Methyl tin, Butyl tin, Dibutyl tin, Tributyl tin, Tetrabutyl tin, n-Octyl tin, Di-n-octyl tin, Di-n-propyl tin, Diphenyl tin and Triphenyl tin after converted to Tributyl tin by calculation. Other Organic tin compounds may be also be present in sample as stated in EN 71-3: 2019+A1: 2021.

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Tests Conducted

Tested Component：See Component List In The Last Section Of This Report.

(B) Categories of various toy materials

Category I: Dry, brittle, powder like or pliable
Solid toy material from which powder-like material is released during playing and semi-solid materials that may also leave residues on the hands during play. The material can be ingested. Contamination of the hands with the material may contribute to the oral exposure of the material. (e.g. the cores of colouring pencils, chalk, crayons, modelling clays and plaster).

Category II: Liquid or sticky
Fluid or viscous toy material, which can be ingested or to which dermal exposure may occur during playing. (e.g. liquid paints, finger paints, liquid ink in pens, glue sticks, slimes, bubble solution).

Category III: Scraped-off
Solid toy material with or without a coating, which can be ingested as a result of biting, tooth scraping, sucking or licking. (e.g. coatings, lacquers, plastics, paper, textiles, glass, ceramic, metallic, wooden, bone, leather and other materials).

Date Sample Received : 17 Nov, 2025
Testing Period : 17 Nov, 2025 To 26 Nov, 2025

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Tests Conducted

5 EN 71-3: 2019+A2: 2024 on Migration of Certain Elements

(A) Test Result

As per EN 71-3:2019+A2: 2024 and followed by Inductively Coupled Plasma Atomic Emission Spectrometry, Inductively Coupled Argon Mass Spectrometry, Ion Chromatography- Inductively Coupled Plasma-Mass Spectrometry, Ion Chromatography with UV-VIS and Gas Chromatographic - Mass Spectrometry.

Category (III): Scraped-off toy material

Element	Result (mg/kg)						Reporting Limit (mg/kg)	Limit (mg/kg)
	(1)	(2)	(3)	(4)	(5)	(6)		
Aluminium (Al)	ND	1772	ND	ND	ND	ND	300	28130
Antimony (Sb)	ND	ND	ND	ND	ND	ND	10	560
Arsenic (As)	ND	ND	ND	ND	ND	ND	10	47
Barium (Ba)	ND	ND	ND	ND	ND	ND	10	18750
Boron (B)	ND	ND	ND	ND	ND	ND	50	15000
Cadmium (Cd)	ND	ND	ND	ND	ND	ND	5	17
Chromium (III) (Cr III) ++	ND	ND	ND	ND	ND	ND	10	460
Chromium (VI) (Cr VI) ++	ND	ND#	ND	ND	ND	ND	0.025	0.053
Cobalt (Co)	ND	ND	ND	ND	ND	ND	10	130
Copper (Cu)	ND	ND	ND	ND	ND	ND	10	7700
Lead (Pb)	ND	ND	ND	ND	ND	ND	10	23
Manganese (Mn)	ND	ND	ND	ND	ND	ND	10	15000
Mercury (Hg)	ND	ND	ND	ND	ND	ND	10	94
Nickel (Ni)	ND	ND	ND	ND	ND	ND	10	930
Selenium (Se)	ND	ND	ND	ND	ND	ND	10	460
Strontium (Sr)	ND	ND	ND	ND	ND	ND	100	56000
Tin (Sn)	ND	ND	ND	ND	ND	ND	2.5	180000
Organic tin ++	ND	ND	ND	ND	ND	ND	5	12
Zinc (Zn)	ND	227	ND	ND	237	ND	100	46000

Remark: mg/kg = milligram per kilogram
++ = Unless the test results were marked with "#" or "Δ", Chromium (III) & Chromium (VI) and Organic tin contents were not directly determined and were derived from migration results of total chromium and tin respectively.
- Organic tin test result was expressed as tributyl tin.
ND = Not Detected (less than detection limit)
# = Confirmation of Chromium (VI) test was performed on the tested component. And the reported value of migration of Chromium (III) = migration value of total Chromium – migration value of Chromium(VI).
Δ = Confirmation test was performed on the tested component. The reported value was the sum of the migration values of Dimethyl tin, Methyl tin, Butyl tin, Dibutyl tin, Tributyl tin, Tetrabutyl tin, n-Octyl tin, Di-n-octyl tin, Di-n-propyl tin, Diphenyl tin and Triphenyl tin after converted to Tributyl tin by calculation. Other Organic tin compounds may be also be present in sample as stated in EN 71-3: 2019+A2: 2024.

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Tested Component：See Component List In The Last Section Of This Report.

(B) Categories of various toy materials

Category I：Dry, brittle, powder like or pliable
Solid toy material from which powder-like material is released during playing and semi-solid materials that may also leave residues on the hands during play. The material can be ingested. Contamination of the hands with the material may contribute to the oral exposure of the material. (e.g. the cores of colouring pencils, chalk, crayons, modelling clays and plaster).

Category II：Liquid or sticky
Fluid or viscous toy material, which can be ingested or to which dermal exposure may occur during playing. (e.g. liquid paints, finger paints, liquid ink in pens, glue sticks, slimes, bubble solution).

Category III：Scraped-off
Solid toy material with or without a coating, which can be ingested as a result of biting, tooth scraping, sucking or licking. (e.g. coatings, lacquers, plastics, paper, textiles, glass, ceramic, metallic, wooden, bone, leather and other materials).

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Tests Conducted

6 REACH Regulation (EC) No. 1907/2006 ANNEX XVII Entry 23 on Cadmium (Cd) Content

With reference to methods IEC 62321-5：2013, acid digestion method was used and total Cadmium content was determined by Inductively Coupled Argon Plasma Spectrometry.

(Plastic Components)

Test Item	Result (%) (4+5+6)	Detection Limit (%)	Limit(%) (Max.)
Cadmium (Cd)	ND	0.0005	0.01

(Painted Article)

Test Item	Result (%) (1+2+3)	Detection Limit (%)	Limit(%) (Max.)
Cadmium (Cd)	ND	0.0005	0.1

Remark：ND = Not Detected (Less than detection limit)

Tested Component：See Component List In The Last Section Of This Report.

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Tests Conducted

7 REACH Regulation (EC) No. 1907/2006 Annex XVII Entry 51 and Entry 52 & Amendments No. 552/2009 & (EU) 2018/2005 on Phthalates Content

With reference to ISO 8124-6: 2023 method A or C, followed by Gas Chromatographic-Mass Spectrometric (GC-MS) analysis (Internal/ external standard method).

I. Annex XVII Entry 51

Test Item	CAS No.	Result (%, w/w)		Reporting Limit (%, w/w)	Limit (%, w/w)
		(1+2+3)	(4+5+6)		
Dibutyl phthalate (DBP)	84-74-2	ND	ND	0.005	--
Diethyl hexyl phthalate (DEHP)	117-81-7	ND	ND	0.005	--
Benzyl butyl phthalate (BBP)	85-68-7	ND	ND	0.005	--
Diisobutyl phthalate (DIBP)	84-69-5	ND	ND	0.005	--
Sum of DBP, DEHP, BBP and DIBP	--	ND	ND	--	0.1

The above limit was quoted according to Annex XVII Entry 51 of the REACH Regulation (EC) No. 1907/2006 & Amendment No. 552/2009& Amendment Commission Regulation (EU) 2018/2005 for Phthalate content in articles.

II. Annex XVII Entry 52

Test Item	CAS No.	Result (%, w/w)		Reporting Limit (%, w/w)	Limit (%, w/w)
		(1+2+3)	(4+5+6)		
Di-n-octyl phthalate (DnOP)	117-84-0	ND	ND	0.005	--
Diisononyl phthalate (DINP)	28553-12-0/ 68515-48-0	ND	ND	0.005	--
Diisodecyl phthalate (DIDP)	26761-40-0/ 68515-49-1	ND	ND	0.005	--
Sum of DINP, DNOP and DIDP	--	ND	ND	--	0.1

The above limit was quoted according to Annex XVII Entry 52 of the REACH Regulation (EC) No. 1907/2006 & Amendment No. 552/2009 for Phthalate content in toys and childcare articles.

Remark: ND = Not Detected (Less than reporting limit)

@ = The surface coatings were tested with the substrate for phthalate test. With the consideration of the dilution factor, the testing result may not represent the result of the individual coatings and substrate.

Tested Component：See Component List In The Last Section Of This Report.

Date Sample Received : 17 Nov, 2025
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Test Report Number： SHAH01893140

Tests Conducted

8 Polycyclic Aromatic Hydrocarbons (PAHs) Content (REACH Regulation (EC) No. 1907/2006 Annex XVII Entry 50)

With reference to AfPS GS 2019: 01 PAK, by solvent extraction and determined by Gas Chromatographic - Mass Spectrometry (GC/MS).

Toy for children

Test Item	Result (mg/kg)				Detection Limit (mg/kg)	Limit (mg/kg)
	(1+2)	(3)	(4+5)	(6)		
Benzo(a)pyrene	ND	ND	ND	ND	0.2	0.5
Benzo(e)pyrene	ND	ND	ND	ND	0.2	0.5
Benzo(a)anthracene	ND	ND	ND	ND	0.2	0.5
Chrysene	ND	ND	ND	ND	0.2	0.5
Benzo(b)fluoranthene	ND	ND	ND	ND	0.2	0.5
Benzo(j)fluoranthene	ND	ND	ND	ND	0.2	0.5
Benzo(k)fluoranthene	ND	ND	ND	ND	0.2	0.5
Dibenzo(a, h)anthracene	ND	ND	ND	ND	0.2	0.5

The above limit was quoted according to Annex XVII Entry 50 of the REACH Regulation (EC) No.1907/2006 & amendment (EU) No. 1272/2013 for Polycyclic Aromatic Hydrocarbons (PAHs).

Remark: ND = Not Detected

Tested Component：See Component List In The Last Section Of This Report.

Date Sample Received : 17 Nov, 2025
Testing Period : 17 Nov, 2025 To 26 Nov, 2025

9 REACH Regulation (EC) No. 1907/2006 Annex XVII Entry 20 on Organotin Content

With reference to ISO/TS 16179: 2012, Organotin content was determined by Gas Chromatography - Mass Spectrometry (GC-MS) analysis.

Test Item	Result (%, w/w) of Tin		Detection Limit (%) of Tin	Limit (%) of Tin
	(1+2+3)	(4+5+6)		
Tri-substituted Organotin[@]	ND	ND	0.0001	0.1
Dibutyl tin (DBT)	ND	ND	0.0001	0.1
Dioctyl tin (DOT)	ND	ND	0.0001	0.1

The above limit was quoted according to Annex XVII Entry 20 of the REACH Regulation (EC) No.1907/2006 & Amendment (EU) No.276/2010 for Organotin content.

Remarks: ND = Not Detected (Less than detection limit)
[@] = The reported value was calculated by summation of the values of Tri-butyltin, Tri-phenyltin, Tri-methyltin, Tri-octyltin, Tri-cyclohexyltin

Tested Component：See Component List In The Last Section Of This Report.

Date Sample Received : 17 Nov, 2025
Testing Period : 17 Nov, 2025 To 26 Nov, 2025

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Tests Conducted

10 EU POPs Regulation (EU) 2019/1021 on Short-Chain Chlorinated Paraffins (C10~C13)(SCCPs) Content

By solvent extraction, followed by Gas Chromatography-Negative Chemical Ionization-Mass Spectrometry (GC-NCI-MS) analysis.

Test Item	Result (%, w/w)		Detection Limit (%, w/w)	Limit (%,w/w)
	(1+2+3)	(4+5+6)		
Short-Chain Chlorinated Paraffins (C10~C13) (SCCPs)	ND	ND	0.01	0.15

The limit was quoted according to Annex I Part A of Regulation (EU) 2019/1021 on persistent organic pollutants (POPs) and its Amendments for Short-Chain Chlorinated Paraffins (C10~C13) (SCCPs) content.

Remark：ND = Not Detected (Less than detection limit)

Tested Component：See Component List In The Last Section Of This Report.

Date Sample Received : 17 Nov, 2025
Testing Period : 17 Nov, 2025 To 26 Nov, 2025

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Tests Conducted

11 (Ⅰ) SVHC Testing Results

By Inductively Coupled Plasma Optical Emission Spectrometry, Ion Chromatography, UV-Visible Spectrophotometry, Gas Chromatographic - Mass Spectrometry, Liquid Chromatographic / Tandem Mass Spectrometer and High Performance Liquid Chromatography analysis.

No.	Chemical Substance	CAS No.	Results % (w/w)
			(5+6+7)
96	N,N-dimethylformamide	68-12-2	0.012
--	Other tested SVHCs in Chemical list	--	ND

SVHC	=	Substance of very high concern
ND	=	Not Detected (less than reporting limit)
Reporting limit	=	0.010%(w/w)

As applicant's requirement, materials were screened in composite testing.

(Ⅱ) Tested groups: See component list in the last section of this report.

(Ⅲ) Tested SVHC Chemical list:

No.	Chemical Substance	CAS No.	No.	Chemical Substance	CAS No.
1	Cobalt Dichloride Δ	7646-79-9	2	Diarsenic Pentaoxide Δ	1303-28-2
3	Diarsenic Trioxide Δ	1327-53-3	4	Lead Hydrogen Arsenate Δ	7784-40-9
5	Triethyl Arsenate Δ	15606-95-8	6	Sodium Dichromate Δ	7789-12-0, 10588-01-9
7	Bis (Tributyltin) Oxide (TBTO) Δ	56-35-9	8	Anthracene	120-12-7
9	4,4'-Diaminodiphenylmethane (MDA)	101-77-9	10	Hexabromocyclododecane (HBCDD) and All Major Diastereoisomers Identified (α-HBCDD, β-HBCDD, γ-HBCDD)	25637-99-4 and 3194-55-6 (134237-50-6, 134237-51-7, 134237-52-8)
11	5-Tert-Butyl-2,4,6-Trinitro-m-Xylene (Musk Xylene)	81-15-2	12	Bis (2-Ethylhexyl) Phthalate (DEHP)	117-81-7
13	Dibutyl Phthalate (DBP)	84-74-2	14	Benzyl Butyl Phthalate (BBP)	85-68-7
15	Short Chain Chlorinated Paraffins (C_{10-13})	85535-84-8	16	Lead Chromate Δ	7758-97-6
17	Lead Chromate Molybdate Sulphate Red (C.I. Pigment Red 104) Δ	12656-85-8	18	Lead Sulfochromate Yellow (C.I. Pigment Yellow 34) Δ	1344-37-2
19	Tris (2-Chloroethyl) Phosphate	115-96-8	20	2,4-Dinitrotoluene	121-14-2
21	Diisobutyl Phthalate (DIBP)	84-69-5	22	Coal Tar Pitch, High Temperature	65996-93-2
23	Anthracene Oil	90640-80-5	24	Anthracene Oil, Anthracene Paste, Distn. Lights	91995-17-4

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25	Anthracene Oil, Anthracene Paste, Anthracene Fraction	91995-15-2	26	Anthracene Oil, Anthracene-low	90640-82-7
27	Anthracene Oil, Anthracene Paste	90640-81-6	28	Acrylamide	79-06-1
29	Boric Acid Δ	10043-35-3, 11113-50-1	30	Disodium Tetraborate, Anhydrous Δ	1330-43-4, 12179-04-3, 1303-96-4
31	Tetraboron Disodium Heptaoxide, Hydrate Δ	12267-73-1	32	Sodium Chromate Δ	7775-11-3
33	Potassium Chromate Δ	7789-00-6	34	Ammonium Dichromate Δ	7789-09-5
35	Potassium Dichromate Δ	7778-50-9	36	Trichloroethylene	79-01-6
37	2-Methoxyethanol	109-86-4	38	2-Ethoxyethanol	110-80-5
39	Cobalt Sulphate Δ	10124-43-3	40	Cobalt Dinitrate Δ	10141-05-6
41	Cobalt Carbonate Δ	513-79-1	42	Cobalt Diacetate Δ	71-48-7
43	Chromium Trioxide Δ	1333-82-0	44	Chromic Acid Δ Dichromic Acid Δ Oligomers of Chromic Acid and Dichromic Acid Δ	7738-94-5, 13530-68-2, --
45	Strontium ChromateΔ	7789-06-2	46	2-ethoxyethyl acetate (2-EEA)	111-15-9
47	1,2-Benzenedicarboxylic acid, di-C_{7-11}-branched and linear alkyl esters (DHNUP)	68515-42-4	48	Hydrazine	7803-57-8, 302-01-2
49	1-methyl-2-pyrrolidone	872-50-4	50	1,2,3-trichloropropane	96-18-4
51	1,2-Benzenedicarboxylic acid, di-C_{6-8}-branched alkyl esters, C_7-rich (DIHP)	71888-89-6	52	Lead dipicrateΔ	6477-64-1
53	Lead styphnateΔ	15245-44-0	54	Lead azide; Lead diazideΔ	13424-46-9
55	Phenolphthalein	77-09-8	56	2,2'-dichloro-4,4'-methylenedianiline (MOCA)	101-14-4
57	N,N-dimethylacetamide (DMAC)	127-19-5	58	Trilead diarsenateΔ	3687-31-8
59	Calcium arsenateΔ	7778-44-1	60	Arsenic acidΔ	7778-39-4
61	Bis(2-methoxyethyl) ether	111-96-6	62	1,2-Dichloroethane	107-06-2
63	4-(1,1,3,3-tetramethylbutyl)phenol, (4-tert-Octylphenol)	140-66-9	64	2-Methoxyaniline; o-Anisidine	90-04-0
65	Bis(2-methoxyethyl) phthalate (DMEP)	117-82-8	66	Formaldehyde, oligomeric reaction products with aniline (technical MDA)	25214-70-4
67	Pentazinc chromate octahydroxideΔ	49663-84-5	68	Potassium hydroxyoctaoxodizincate di-chromateΔ	11103-86-9
69	Dichromium tris(chromate)Δ	24613-89-6	70	Aluminosilicate Refractory Ceramic Fibres Δ	(Index No. 650-017-00-8)
71	Zirconia Aluminosilicate Refractory Ceramic Fibres Δ	(Index No. 650-017-00-8)	72	1,2-bis(2-methoxyethoxy)ethane (TEGDME; triglyme)	112-49-2
73	1,2-dimethoxyethane; ethylene glycol dimethyl ether (EGDME)	110-71-4	74	Diboron trioxideΔ	1303-86-2
75	Formamide	75-12-7	76	Lead(II) bis(methanesulfonate) Δ	17570-76-2

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77	TGIC (1,3,5-tris(oxiranylmethyl)-1,3,5-triazine-2,4,6(1H,3H,5H)-trione)	2451-62-9	78	β-TGIC (1,3,5-tris[(2S and 2R)-2,3-epoxypropyl]-1,3,5-triazine-2,4,6-(1H,3H,5H)-trione)	59653-74-6
79	4,4'-bis(dimethylamino)benzophenone (Michler's ketone)	90-94-8	80	N,N,N',N'-tetramethyl-4,4'-methylenedianiline (Michler's base)	101-61-1
81	[4-[4,4'-bis(dimethylamino) benzhydrylidene]cyclohexa-2,5-dien-1-ylidene]dimethylammonium chloride (C.I. Basic Violet 3) [with ≥ 0.1% of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)] +	548-62-9	82	[4-[[4-anilino-1-naphthyl][4-(dimethylamino)phenyl]methylene]cyclohexa-2,5-dien-1-ylidene] dimethylammonium chloride (C.I. Basic Blue 26) [with ≥ 0.1% of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)] +	2580-56-5
83	α,α-Bis[4-(dimethylamino)phenyl]-4-(phenylamino)naphthalene-1-methanol (C.I. Solvent Blue 4) [with ≥ 0.1% of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)] +	6786-83-0	84	4,4'-bis(dimethylamino)-4''-(methylamino)trityl alcohol [with ≥ 0.1% of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)] +	561-41-1
85	Bis(pentabromophenyl) ether (decabromodiphenyl ether; DecaBDE)	1163-19-5	86	Pentacosafluorotridecanoic acid	72629-94-8
87	Tricosafluorododecanoic acid	307-55-1	88	Henicosafluoroundecanoic acid	2058-94-8
89	Heptacosafluorotetradecanoic acid	376-06-7	90	Diazene-1,2-dicarboxamide (C,C'-azodi(formamide))	123-77-3
91	Cyclohexane-1,2-dicarboxylic anhydride [1] cis-cyclohexane-1,2-dicarboxylic anhydride [2] trans-cyclohexane-1,2-dicarboxylic anhydride [3] [The individual cis- [2] and trans- [3] isomer substances and all possible combinations of the cis- and trans-isomers [1] are covered by this entry].	85-42-7, 13149-00-3, 14166-21-3	92	Hexahydromethylphthalic anhydride [1], Hexahydro-4-methylphthalic anhydride [2], Hexahydro-1-methylphthalic anhydride [3], Hexahydro-3-methylphthalic anhydride [4] [The individual isomers [2], [3] and [4] (including their cis- and trans- stereo isomeric forms) and all possible combinations of the isomers [1] are covered by this entry]	25550-51-0, 19438-60-9, 48122-14-1, 57110-29-9
93	4-Nonylphenol, branched and linear [substances with a linear	--	94	4-(1,1,3,3-tetramethylbutyl)phenol, ethoxylated	--

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	and/or branched alkyl chain with a carbon number of 9 covalently bound in position 4 to phenol, covering also UVCB- and well-defined substances which include any of the individual isomers or a combination thereof]			[covering well-defined substances and UVCB substances, polymers and homologues]	
95	Methoxyacetic acid	625-45-6	96	N,N-dimethylformamide	68-12-2
97	Dibutyltin dichloride (DBTC) Δ	683-18-1	98	Lead monoxide (Lead oxide) Δ	1317-36-8
99	Orange lead (Lead tetroxide) Δ	1314-41-6	100	Lead bis(tetrafluoroborate) Δ	13814-96-5
101	Trilead bis(carbonate)dihydroxide Δ	1319-46-6	102	Lead titanium trioxideΔ	12060-00-3
103	Lead titanium zirconium oxideΔ	12626-81-2	104	Silicic acid, lead salt Δ	11120-22-2
105	Silicic acid (H2Si2O5), barium salt (1:1), lead-dopedΔ [with lead (Pb) content above the applicable generic concentration limit for 'toxicity for reproduction' Repr. 1A (CLP) or category 1 (DSD); the substance is a member of the group entry of lead compounds, with index number 082-001-00-6 in Regulation (EC) No 1272/2008]	68784-75-8	106	1-bromopropane (n-propyl bromide)	106-94-5
107	Methyloxirane (Propylene oxide)	75-56-9	108	1,2-Benzenedicarboxylic acid, dipentylester, branched and linear	84777-06-0
109	Diisopentylphthalate (DIPP)	605-50-5	110	N-pentyl-isopentylphthalate	776297-69-9
111	1,2-diethoxyethane	629-14-1	112	Acetic acid, lead salt, basicΔ	51404-69-4
113	Lead oxide sulfateΔ	12036-76-9	114	[Phthalato(2-)]dioxotrileadΔ	69011-06-9
115	Dioxobis(stearato)trileadΔ	12578-12-0	116	Fatty acids, C16-18, lead saltsΔ	91031-62-8
117	Lead cynamidateΔ	20837-86-9	118	Lead dinitrateΔ	10099-74-8
119	Pentalead tetraoxide sulphateΔ	12065-90-6	120	Pyrochlore, antimony lead yellowΔ	8012-00-8
121	Sulfurous acid, lead salt, dibasicΔ	62229-08-7	122	TetraethylleadΔ	78-00-2
123	Tetralead trioxide sulphateΔ	12202-17-4	124	Trilead dioxide phosphonateΔ	12141-20-7
125	Furan	110-00-9	126	Diethyl sulphate	64-67-5
127	Dimethyl sulphate	77-78-1	128	3-ethyl-2-methyl-2-(3-methylbutyl)-1,3-oxazolidine	143860-04-2
129	Dinoseb (6-sec-butyl-2,4-	88-85-7	130	4,4'-methylenedi-o-toluidine	838-88-0

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	dinitrophenol)				
131	4,4'-oxydianiline and its salts	101-80-4	132	4-aminoazobenzene	60-09-3
133	4-methyl-m-phenylenediamine (toluene-2,4-diamine)	95-80-7	134	6-methoxy-m-toluidine (p-cresidine)	120-71-8
135	Biphenyl-4-ylamine	92-67-1	136	o-aminoazotoluene [(4-o-tolylazo-o-toluidine])	97-56-3
137	o-toluidine	95-53-4	138	N-methylacetamide	79-16-3
139	Cadmium∆	7440-43-9	140	Cadmium oxide∆	1306-19-0
141	Dipentyl phthalate (DPP)	131-18-0	142	4-Nonylphenol, branched and linear, ethoxylated [substances with a linear and/or branched alkyl chain with a carbon number of 9 covalently bound in position 4 to phenol, ethoxylated covering UVCB- and well-defined substances, polymers and homologues, which include any of the individual isomers and/or combinations thereof]	--
143	Ammonium pentadecafluorooctanoate (APFO)	3825-26-1	144	Pentadecafluorooctanoic acid (PFOA)	335-67-1
145	Cadmium sulphide∆	1306-23-6	146	Disodium 3,3'-[[1,1'-biphenyl]-4,4'-diylbis(azo)]bis(4-aminonaphthalene-1-sulphonate) (C.I. Direct Red 28)	573-58-0
147	Disodium 4-amino-3-[[4'-[(2,4-diaminophenyl)azo][1,1'-biphenyl]-4-yl]azo] -5-hydroxy-6-(phenylazo)naphthalene-2,7-disulphonate (C.I. Direct Black 38)	1937-37-7	148	Dihexyl phthalate (DnHP)	84-75-3
149	Imidazolidine-2-thione (2-imidazoline-2-thiol)	96-45-7	150	Lead di(acetate) ∆	301-04-2
151	Trixylyl phosphate	25155-23-1	152	1,2-Benzenedicarboxylic acid, dihexyl ester, branched and linear (Diisohexyl phthalate(DIHP))	68515-50-4
153	Cadmium chloride∆	10108-64-2	154	Sodium perborate; perboric acid, sodium salt∆	15120-21-5, 11138-47-9
155	Sodium peroxometaborate∆	7632-04-4	156	2-(2H-benzotriazol-2-yl)-4,6-ditertpentylphenol (UV-328)	25973-55-1
157	2-benzotriazol-2-yl-4,6-di-tert-butylphenol (UV-320)	3846-71-7	158	2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (DOTE)∆	15571-58-1

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159	Cadmium fluoride∆	7790-79-6	160	Cadmium sulphate∆	10124-36-4, 31119-53-6
161	Reaction mass of 2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate and 2-ethylhexyl 10-ethyl-4-[[2-[(2-ethylhexyl)oxy]-2-oxoethyl]thio]-4-octyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (reaction mass of DOTE and MOTE)	--	162	1,2-benzenedicarboxylic acid, di-C6-10-alkyl esters; 1,2-benzenedicarboxylic acid, mixed decyl and hexyl and octyl diesters with ≥ 0.3% of dihexyl phthalate (EC No. 201-559-5)	68515-51-5, 68648-93-1
163	5-sec-butyl-2-(2,4-dimethylcyclohex-3-en-1-yl)-5-methyl-1,3-dioxane [1], 5-sec-butyl-2-(4,6-dimethylcyclohex-3-en-1-yl)-5-methyl-1,3-dioxane [2] [covering any of the individual isomers of [1] and [2] or any combination thereof]	--	164	1,3-propanesultone	1120-71-4
165	2,4-di-tert-butyl-6-(5-chlorobenzotriazol-2-yl)phenol (UV-327)	3864-99-1	166	2-(2H-benzotriazol-2-yl)-4-(tert-butyl)-6-(sec-butyl)phenol (UV-350)	36437-37-3
167	Nitrobenzene	98-95-3	168	Perfluorononan-1-oic-acid and its sodium and ammonium salts	375-95-1, 21049-39-8, 4149-60-4
169	Benzo[def]chrysene (Benzo[a]pyrene)	50-32-8	170	4,4'-isopropylidenediphenol (bisphenol A; BPA)	80-05-7
171	Nonadecafluorodecanoic acid (PFDA) and its sodium and ammonium salts Nonadecafluorodecanoic acid EC no.: 206-400-3 | CAS no.: 335-76-2 Ammonium nonadecafluorodecanoate EC no.: 221-470-5 | CAS no.: 3108-42-7 Decanoic acid, nonadecafluoro-, sodium salt EC no.: -- | CAS no.: 3830-45-3	--	172	4-heptylphenol, branched and linear [substances with a linear and/or branched alkyl chain with a carbon number of 7 covalently bound predominantly in position 4 to phenol, covering also UVCB- and well-defined substances which include any of the individual isomers or a combination thereof]	--
173	p-(1,1 dimethylpropyl)phenol	80-46-6	174	Perfluorohexane-1-sulphonic acid and its salts (PFHxS)	--
175	Benz[a]anthracene	56-55-3	176	Cadmium nitrate∆	10325-94-7
177	Cadmium carbonate∆	513-78-0	178	Cadmium hydroxide∆	21041-95-2
179	Chrysene	218-01-9	180	1,6,7,8,9,14,15,16,17,17,18,	--

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				18-Dodecachloropentacyclo[12.2.1.16,9.02,13.05,10]octadeca-7,15-diene (“Dechlorane Plus”TM) [covering any of its individual anti- and syn-isomers or any combination thereof]	
181	Reaction products of 1,3,4-thiadiazolidine-2,5-dithione, formaldehyde and 4-heptylphenol, branched and linear (RP-HP) [with ≥0.1% w/w 4-heptylphenol, branched and linear]	--	182	Octamethylcyclotetrasiloxane (D4)	556-67-2
183	Decamethylcyclopentasiloxane (D5)	541-02-6	184	Dodecamethylcyclohexasiloxane (D6)	540-97-6
185	Lead	7439-92-1	186	Disodium octaborate∆	12008-41-2
187	Benzo[ghi]perylene	191-24-2	188	Terphenyl hydrogenated	61788-32-7
189	Ethylenediamine (EDA)	107-15-3	190	Benzene-1,2,4-tricarboxylic acid 1,2-anhydride (Trimellitic anhydride) (TMA)	552-30-7
191	Dicyclohexyl phthalate (DCHP)	84-61-7	192	2,2-bis(4'-hydroxyphenyl)-4-methylpentane	6807-17-6
193	Benzo[k]fluoranthene	207-08-9	194	Fluoranthene	206-44-0
195	Phenanthrene	85-01-8	196	Pyrene	129-00-0
197	1,7,7-trimethyl-3-(phenylmethylene)bicyclo[2.2.1]heptan-2-one (3-benzylidene camphor)	15087-24-8	198	4-tert-butylphenol (PTBP)	98-54-4
199	2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)propionic acid, its salts and its acyl halides (covering any of their individual isomers and combinations thereof)	--	200	2-methoxyethyl acetate	110-49-6
201	Tris(4-nonylphenyl, branched and linear) phosphite (TNPP) with ≥ 0.1% w/w of 4-nonylphenol, branched and linear (4-NP)	--	202	2-benzyl-2-dimethylamino-4'-morpholinobutyrophenone	119313-12-1
203	2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one	71868-10-5	204	Diisohexyl phthalate	71850-09-4
205	Perfluorobutane sulfonic acid (PFBS) and its salts	--	206	1-vinylimidazole	1072-63-5
207	2-methylimidazole	693-98-1	208	Butyl 4-hydroxybenzoate	94-26-8
209	Dibutylbis(pentane-2,4-dionato-O,O')tin∆	22673-19-4	210	bis(2-(2-methoxyethoxy)ethyl) ether	143-24-8
211	Dioctyltin dilaurate, stannane, dioctyl-, bis(coco acyloxy) derivs., and any other stannane, dioctyl-, bis(fatty acyloxy) derivs.	--	212	1,4-dioxane	123-91-1

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Tests Conducted

	wherein C12 is the predominant carbon number of the fatty acyloxy moiety∆				
213	2,2-bis(bromomethyl)propane1,3-diol (BMP); 2,2-dimethylpropan-1-ol, tribromo derivative/3-bromo-2,2-bis(bromomethyl)-1-propanol (TBNPA); 2,3-dibromo-1-propanol (2,3-DBPA)	3296-90-0, 36483-57-5, 1522-92-5, 96-13-9	214	2-(4-tert-butylbenzyl)propionaldehyde and its individual stereoisomers	--
215	4,4'-(1-methylpropylidene)bisphenol; (bisphenol B)	77-40-7	216	Glutaral	111-30-8
217	Medium-chain chlorinated paraffins (MCCP) [UVCB substances consisting of more than or equal to 80% linear chloroalkanes with carbon chain lengths within the range from C14 to C17]	--	218	Orthoboric acid, sodium salt∆	13840-56-7
219	Phenol, alkylation products (mainly in para position) with C12-rich branched or linear alkyl chains from oligomerisation, covering any individual isomers and/ or combinations thereof (PDDP	--	220	(±)-1,7,7-trimethyl-3-[(4-methylphenyl)methylene]bicyclo[2.2.1]heptan-2-one covering any of the individual isomers and/or combinations thereof (4-MBC)	--
221	6,6'-di-tert-butyl-2,2'-methylenedi-p-cresol (DBMC)	119-47-1	222	S-(tricyclo(5.2.1.0'2,6)deca-3-en-8(or 9)-yl O-(isopropyl or isobutyl or 2-ethylhexyl) O-(isopropyl or isobutyl or 2-ethylhexyl) phosphorodithioate	255881-94-8
223	Tris(2-methoxyethoxy)vinylsilane	1067-53-4	224	N-(hydroxymethyl)acrylamide	924-42-5
225	1,1'-[ethane-1,2-diylbisoxy]bis[2,4,6-tribromobenzene]	37853-59-1	226	2,2',6,6'-tetrabromo-4,4'-isopropylidenediphenol	79-94-7
227	4,4'-sulphonyldiphenol	80-09-1	228	Barium diboron tetraoxide∆	13701-59-2
229	Bis(2-ethylhexyl) tetrabromophthalate covering any of the individual isomers and/or combinations thereof	--	230	Isobutyl 4-hydroxybenzoate	4247-02-3
231	Melamine	108-78-1	232	Perfluoroheptanoic acid and its salts	--
233	Reaction mass of 2,2,3,3,5,5,6,6-octafluoro-4-(1,1,1,2,3,3,3-heptafluoropropan-2-yl)morpholine and 2,2,3,3,5,5,6,6-octafluoro-4-(heptafluoropropyl)morpholin	--	234	bis(4-chlorophenyl) sulphone (BCPS)	80-07-9

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Tests Conducted

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235	Diphenyl (2,4,6-trimethylbenzoyl) phosphine oxide	75980-60-8	236	2,4,6-tri-tert-butylphenol (2,4,6-TTBP)	732-26-3
237	2-(2H-benzotriazol-2-yl)-4-(1,1,3,3-tetramethylbutyl)phenol (UV-329)	3147-75-9	238	2-(dimethylamino)-2-[(4-methylphenyl) methyl] -1-[4-(morpholin-4-yl) phenyl]butan-1-one	119344-86-4
239	Bumetrizole (UV-326)	3896-11-5	240	Oligomerisation and alkylation reaction products of 2-phenylpropene and phenol (OAPP)	--
241	Bis(α,α-dimethylbenzyl) peroxide	80-43-3	242	Triphenyl phosphate (TPhP)	115-86-6
243	6-[(C10-C13)-alkyl-(branched, unsaturated)-2,5-dioxopyrrolidin-1-yl]hexanoic acid (Tetra-PSCA)	2156592-54-8	244	O,O,O-triphenyl phosphorothioate (TPPT)	597-82-0
245	Octamethyltrisiloxane	107-51-7	246	Perfluamine	338-83-0
247	Reaction mass of: triphenylthiophosphate and tertiary butylated phenyl derivatives	192268-65-8	248	1,1,1,3,5,5,5- heptamethyl-3 -[(trimethylsilyl)oxy] trisiloxane	17928-28-8
249	Decamethyltetrasiloxane	141-62-8	250	Tetra(sodium/potassium) 7-[(E)-{2-acetamido-4-[(E)- (4-{[4-chloro-6-({2-[(4-fluoro-6- {[4-(vinylsulfonyl)phenyl]amino} -1,3,5-triazine-2-yl) amino]propyl} amino)-1,3,5 -triazine-2-yl]amino} -5-sulfonato-1-naphthyl) diazenyl]-5-methoxyphenyl} diazenyl]-1,3,6-naphthalenetrisulfonate (Reactive Brown 51)	--
251	1,1'-(ethane-1,2-diyl)bis[pentabromobenzene] (DBDPE)	84852-53-9	--	--	--

Proposed SVHC (List of 1 chemical in the draft Commission Implementing Decision proposed by European Commission, and published as Notification G/TBT/N/EU/803 on World Trade Organization (WTO) on 1 June 2021):

No.	Chemical Substance	CAS No.	No.	Chemical Substance	CAS No.
1	Resorcinol	108-46-3	--	--	--

Tested proposed SVHC Chemicals list (The 3 chemicals proposed by European Chemicals Agency (ECHA) for public consultation on 1 September 2025):

No.	Chemical Substance	CAS No.	No.	Chemical Substance	CAS No.
1	4,4'-[2,2,2-Trifluoro-1-(trifluoromethyl)ethylidene] diphenol (BPAF) and its salts	--	2	4,4'-Methylenediphenol (BPF)	620-92-8
3	n-Hexane	110-54-3	--	--	--

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Tests Conducted

∆ = Determination was based on elemental analysis. The content was calculated based on assumption of worst-case.
+ = The content was calculated based on assumption of worst-case.

Notes:

1. Substances of very high concern (SVHC) are classified as:
   (a) Carcinogenicity category 1A or 1B;
   (b) Germ cell mutagenicity category 1A or 1B;
   (c) Reproductive toxicity category 1A or 1B, adverse effects on sexual function and fertility or on development;
   (d) Persistent, bioaccumulative and toxic (PBT)
   (e) Very persistent and very bioaccumulative (vPvB)
   (f) Other substances for which there is scientific evidence of probable serious effects to human health or the environment which give rise to an equivalent level of concern, such as endocrine disrupters

REACH requirement:
As per Article 7 of Regulation (EC) No 1907/2006 (REACH) as amended, if a substance of very high concern (SVHC) on the Candidate List for Authorisation is present in articles above a concentration of 0.1% weight by weight (w/w) and the substance is present in those articles in quantities totalling over 1 tonne per producer or per importer per year, then the producer or importer shall notify the European Chemicals Agency (ECHA). The notifications have to be submitted no later than 6 months after the inclusion in the Candidate List. The information to be notified shall include the following:
(a) Identity and contact details of the producer or importer;
(b) Registration number(s), if available;
(c) Identity of the substance;
(d) Classification of the substance(s);
(e) Brief description of the use(s) of the substance(s) in the article and of the uses of the article(s);
(f) Tonnage range of the substance(s).

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As per Article 31 of Regulation (EC) No 1907/2006 (REACH) as amended, the supplier of mixture not classified as hazardous according to Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures (CLP), shall provide the recipient at his request with a safety data sheet, where a mixture contains at least one substance on the SVHC list (Candidate List of substances of very high concern for Authorisation) and its individual concentration is of 0.1% or above by weight for non-gaseous mixtures.

As per Article 33(1) of Regulation (EC) No 1907/2006 (REACH) as amended, any supplier of an article containing a substance of very high concern (SVHC) on the Candidate List for Authorisation in a concentration above 0.1% weight by weight (w/w) shall provide the recipient of the article with information of safe use of the article. An article meets the requirement of Article 33(1) by default when no SVHC exceeds 0.1% weight by weight (w/w).

As per Article 33(2) of Regulation (EC) No 1907/2006 (REACH) as amended, any supplier of an article containing a substance of very high concern (SVHC) on the Candidate List for Authorisation in a concentration above 0.1% weight by weight (w/w) shall provide the consumer on request with information of safe use of the article, within 45 days of receipt of the request.

As per Court of Justice of the European Union Judgment in Case C-106/14, Press Release No 100/15 dated 10 September 2015, each of the articles incorporated as a component of a complex product is covered by the relevant duties to notify and provide information when they contain a substance of very high concern in a concentration above 0.1% of their mass.

Waste Framework Directive (WFD) Requirement:
As per Article 9(1)(i) of Directive 2008/98/EC on waste (WFD, Waste Framework Directive) as amended, Member States shall take measures to ensure that any supplier of an article as defined in point 33 of Article 3 of Regulation (EC) No 1907/2006 (REACH) provides the information pursuant to Article 33(1) of Regulation (EC) No 1907/2006 (REACH) to the European Chemicals Agency (ECHA) as from 5 January 2021. Any supplier of an article containing a substance of very high concern (SVHC) on the Candidate List for Authorisation in a concentration above 0.1% weight by weight (w/w) on the EU market is required to submit a SCIP Notification on that article to ECHA, as from 5 January 2021.

Tested Component：See Component List In The Last Section Of This Report.

Date Sample Received : 17 Nov, 2025
Testing Period : 17 Nov, 2025 To 26 Nov, 2025

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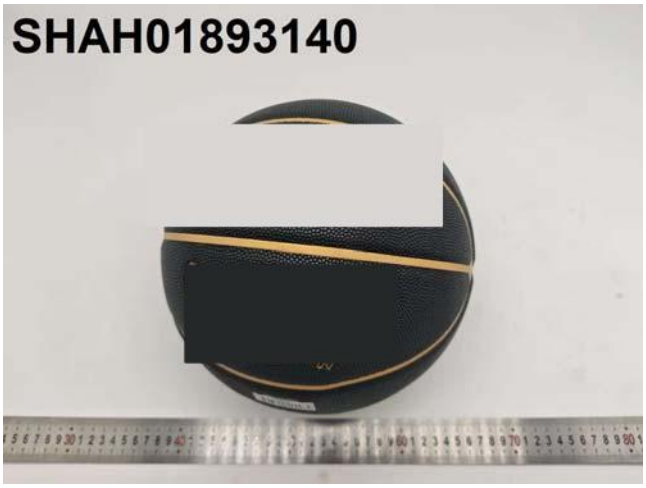
Photo



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Tested Components:

(1) Golden coating on plastic(body).

(2) White coating on plastic(body).

(3) Black coating on plastic(body).

(4) Black soft plastic(body).

(5) Golden soft plastic(line on body).

(6) Black soft plastic(valve).

(7) Black soft plastic with golden, white, black coating(body).

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End Of Report

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