



中国认可
国际互认
检测
TESTING
CNAS L5950



Test Report

No.:SPF250102837

Date:Jun 18, 2025

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Kimyon Cosmetic Company Limited

Antou, Waipu, Fengxiang, Chenghai District, Shantou City, Guangdong Province, China

The following samples were submitted and identified by/on behalf of client as:

Sample Name: Makeup Set
 Item No.: See next page
 Requested age grading: 3+
 Age group applied in testing: 3+
 Sample received date: Jun 04, 2025; Jun 11, 2025
 Testing period: From Jun 04, 2025 to Jun 17, 2025

Test conclusion:

Summary	Result
EN 71-1:2014 + A1:2018 - Mechanical and Physical Properties	Pass
EN 71-2:2020 - Flammability	Pass
EN 71-3:2019+A2:2024 - Migration of certain elements	Pass

Tested by :

David

Chen YongXin, David

Inspected by :

Wendy

Zhang WenXia, Wendy

Approved by :

Jee

Zhang Feng, Jee
Lab Manager



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Item No.	22909, 22920, 22917P, S22931SW, S22917FS, S21661FS, S22746SR, S22920HD, S22791SR, S23027, S22980, S23040, S23033, 22813, 22917, 22890, 22893, S22610SR, S22920, S23026, S22775, S22632C, S22921, S22921, S22906, S22940, S22813, S22968, S22887, S22969, S22924, S22981, S22958, S22959, S22980, S22871, S23029, S22790, S22326, S23030, S23038, S23039, S22126AA, S23046, 81341, 81347/1-2, 81081C, 81224, 81046-1, 81218, 81079C, 81227, 81300, S22958U, S22959U, S22954U, S22955U, S22956U, S22957U, S22960U, S21660U, S22044U, S21665U, S22764U, S22650U, S22765U, S22119U, S22105U, S22633U, S21925U, S22921U, S22981U, S21665SR, S22746SR, S22791SR, S22610SR, S22764SR, S22795SR, S22827SR, S22879SR, S22361SR, S22606SR, S22894SR, S22924SR, S22360SR, S22931SW, S23067SW, S23060SW, S22135SW, S21660SW, S22139SW, S22633SW, S22142SW, S23050SW, S23124(1-2), S22773FS, S22917FS, S21661FS, S23045FS, S23049FS, S23100FS, S22097FS, S8296FS, S8157FS, S21662FS, S23126FS, S23127FS, S23128FS, S23129FS, S23133FS, S22920HD, S22913HD, S21617HD, S21665HD, S23114HD(1-3), S21660HD, S22811HD, S23115HD(1-2), S22893M, S22920M, S22747M, S23044M-1, S23044M-2, S23044M-3, SA23094N, SA230123N, SA23098N, SA23130N, SA23131N, SA21845N, 81079B, S22909TQ, S22909TP, S23043, S23137U, S23138U, S23139U, S23144U, S23147U, S23149U, S21973AC, S21975AC, S22038AC, S22081AC/1-6, S22243AC, S22259AC, S22261AC, S22264AC/1-2, S22634AC/1-2, S22720AC, S22723AC, S22724AC, S23102AC, S23103AC, S23105AC, S23109AC, S23111AC, S23113AC-1, S23113AC-2, S23113AC-3, S23113AC-4, S23121AC, S23132AC, S23112AC, S23120AC, S23104AC, 63194, 63197, 63199, 63202, 63221, 63242, 63243, 32344, 32360, 32362, 32364, 32368, 63201, 63203, 63234
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1.EN 71-1:2014+A1:2018 Mechanical and Physical Properties

Section	Description	Result
4	General requirements	P
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	P
4.10	Parts moving against each other	P
4.10.1	Folding and sliding mechanisms	NA
4.10.2	Driving mechanisms	NA
4.10.3	Hinges	P
4.10.4	Springs	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
4.14.1	Toys which a child can enter	NA
4.14.2	Masks and helmets	NA
4.15	Toys intended to bear the mass of a child	NA
4.15.1	Toys propelled by a child or by other means	NA
4.15.2	Toy bicycles	NA
4.15.3	Rocking horses and similar toys	NA
4.15.4	Toys not propelled by a child	NA

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Section	Description	Result
4.15.5	Toy scooters	NA
4.16	Heavy immobile toys	NA
4.17	Projectiles toys	NA
4.17.1	General	NA
4.17.2	All projectiles	NA
4.17.3	Projectile toys with stored energy	NA
4.17.4	Certain projectile toys without stored energy	NA
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	P
4.21	Toys containing a non-electrical heat source	NA
4.22	Small ball	NA
4.23	Magnets	P
4.23.1	General	P
4.23.2	Toys other than magnetic/electrical experimental sets intended for children over 8 years	P
4.23.3	Magnetic/electrical experimental sets intended for children over 8 years	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	NA
5.1	General requirement	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

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Section	Description	Result
5.5	Liquid-filled toys	NA
5.6	Speed limitation of electrically-driven ride-on toys	NA
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 ball	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	P
7	Warnings and instructions for use	P
7.1	General	P
7.2	Toys not intended for children under 36 months	P
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, skateboards and certain other ride-on toys	NA
7.11	Toys otherwise intended to be strung across a cradle, cot, or perambulator	NA
7.12	Liquid-filled teethingers	NA
7.13	Percussion caps specifically designed for use in toys	NA

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Section	Description	Result
7.14	Acoustics	NA
7.15	Toy bicycles	NA
7.16	Toys intended to bear the mass of 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

Note:

P = Pass; NA = Not applicable; NC = Not conducted; F=Fail.

According to Directive 2009/48/EC, toys made available on the market must meet the following requirements:

- (1) Toys must bear the CE marking, and the CE marking must be affixed visibly, legibly and indelibly to the toy, to an affixed label or to the packaging. The CE marking must be at least 5 mm high.
- (2) The manufacturer's name, registered trade name or registered trade mark and the address at which the manufacturer can be contacted must be indicated on the toy or, where that is not possible, on its packaging or in a document accompanying the toy. This requirement applies also to the name and address etc. of any importer.
- (3) Toys must 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.
- (4) The toy should be accompanied by instructions and safety information in a language or languages easily understood by consumers, as determined by the Member State concerned.

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2.EN 71-2:2020 Flammability

Section	Description	Result
4	Requirements	P
4.1	General requirements	P
4.2	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

Note:

P = Pass; NA = Not applicable; NC = Not conducted; F=Fail.

(1) Section 4.1- Test method of flammable gels is not authorized by CNAS.

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3.Migration of Certain Elements

-Category I : Dry, brittle, powder like or pliable material.

With reference to EN 71-3:2019+A2:2024, by Inductively Coupled Plasma-Optical Emission Spectrometry (ICP-OES), Ion Chromatography-Ultraviolet (IC-UV) analysis.

Sample No. Item(s)	Result(mg/kg)	Report limit (mg/kg)	Limit (mg/kg)
	1		
Soluble Lead (Pb)	ND	0.4	2.0
Soluble Cadmium (Cd)	ND	0.2	1.3
Soluble Chromium (Cr)	ND	0.03	---
Soluble Chromium (III)	ND	---	37.5
Soluble Chromium (VI)	ND	0.002	0.02
Soluble Mercury (Hg)	ND	1	7.5
Soluble Arsenic (As)	ND	0.8	3.8
Soluble Selenium (Se)	ND	8	37.5
Soluble Antimony (Sb)	ND	10	45
Soluble Barium (Ba)	45.6	10	1500
Soluble Aluminium (Al)	867	50	2250
Soluble Boron (B)	ND	10	1200
Soluble Cobalt (Co)	ND	2	10.5
Soluble Copper (Cu)	ND	10	622.5
Soluble Manganese (Mn)	ND	10	1200
Soluble Nickel (Ni)	ND	2	75
Soluble Strontium (Sr)	ND	10	4500
Soluble Tin (Sn)	ND	2.5	15000
Soluble Organic tin	ND	---	0.9
Soluble Zinc (Zn)	13.1	10	3750
Mass of trace amount (mg)	---	---	---

Note:

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ND = Not detected (less than report limit);
mg/kg = ppm = part per million.

- (1) Soluble Chromium is not restricted by EN 71-3, results shown only for reference.
- (2) Soluble Chromium (III)=Soluble Chromium (Cr)–Soluble Chromium (VI).
- (3) Soluble Chromium (VI) only for IC-UV.
- (4) As specified by applicant, to test content in the selected materials of the submitted samples. The test results are only responsible for the submitted sample.

Tested component(s):

Code	Specimen name
1	Pink powder

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4.Soluble Organic Tin analysis-Category I : Dry, brittle, powder like or pliable materials.

With reference to EN 71-3:2019+A2:2024, by Gas Chromatography-Mass Spectrometry (GC-MS) analysis.

Sample No. Item(s)	Result(mg/kg)	Report limit (mg/kg)	Limit (mg/kg)
	1		
Dimethyl tin (DMT)	ND	0.1	---
Methyl tin (MeT)	ND	0.1	---
Di-n-propyl tin (DProT)	ND	0.1	---
Butyl tin (BuT)	ND	0.1	---
Dibutyl tin (DBT)	ND	0.1	---
Tributyl tin (TBT)	ND	0.1	---
n-Octyl tin (MOT)	ND	0.1	---
Tetrabutyl tin (TeBT)	ND	0.1	---
Diphenyl tin (DPHT)	ND	0.1	---
Di-n-octyl tin (DOT)	ND	0.1	---
Triphenyl tin (TPHT)	ND	0.1	---
Sum of Soluble Organic tin	ND	---	0.9

Note:

ND = Not detected (less than report limit);

mg/kg = ppm = part per million.

(1) Migration of total organic tin is expressed as tributyl tin cation content.

(2) Results below the report limit were not included in the summation calculation.

Tested component(s):

Code Specimen name

1 Pink powder

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5.Migration of Certain Elements

-Category II : Liquid or sticky material.

With reference to EN 71-3:2019+A2:2024, by Inductively Coupled Plasma-Optical Emission Spectrometry (ICP-OES), Ion Chromatography-Ultraviolet (IC-UV) analysis.

Sample No. Item(s)	Result(mg/kg)		Report limit (mg/kg)	Limit (mg/kg)
	1	2		
Soluble Lead (Pb)	ND	ND	0.4	0.5
Soluble Cadmium (Cd)	ND	ND	0.2	0.3
Soluble Chromium (Cr)	ND	ND	0.03	---
Soluble Chromium (III)	ND	ND	---	9.4
Soluble Chromium (VI)	ND	ND	0.002	0.005
Soluble Mercury (Hg)	ND	ND	1	1.9
Soluble Arsenic (As)	ND	ND	0.8	0.9
Soluble Selenium (Se)	ND	ND	8	9.4
Soluble Antimony (Sb)	ND	ND	10	11.3
Soluble Barium (Ba)	57.6	ND	10	375
Soluble Aluminium (Al)	ND	ND	50	560
Soluble Boron (B)	ND	ND	10	300
Soluble Cobalt (Co)	ND	ND	2	2.6
Soluble Copper (Cu)	ND	ND	10	156
Soluble Manganese (Mn)	ND	ND	10	300
Soluble Nickel (Ni)	ND	ND	2	18.8
Soluble Strontium (Sr)	ND	ND	10	1125
Soluble Tin (Sn)	ND	ND	2.5	3750
Soluble Organic tin	ND	ND	---	0.2
Soluble Zinc (Zn)	ND	ND	10	938
Mass of trace amount (mg)	---	---	---	---

Note:

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ND = Not detected (less than report limit);
mg/kg = ppm = part per million.

- (1) Soluble Chromium is not restricted by EN 71-3, results shown only for reference.
- (2) Soluble Chromium (III)=Soluble Chromium (Cr)—Soluble Chromium (VI).
- (3) Soluble Chromium (VI) only for IC-UV.
- (4) As specified by applicant, to test content in the selected materials of the submitted samples. The test results are only responsible for the submitted sample.

Tested component(s):

Code	Specimen name
1	Light pink liquid
2	Red paste

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6.Soluble Organic Tin analysis-Category II : Liquid or sticky materials.

With reference to EN 71-3:2019+A2:2024, by Gas Chromatography-Mass Spectrometry (GC-MS) analysis.

Sample No. Item(s)	Result(mg/kg)		Report limit (mg/kg)	Limit (mg/kg)
	1	2		
Dimethyl tin (DMT)	ND	ND	0.1	---
Methyl tin (MeT)	ND	ND	0.1	---
Di-n-propyl tin (DProT)	ND	ND	0.1	---
Butyl tin (BuT)	ND	ND	0.1	---
Dibutyl tin (DBT)	ND	ND	0.1	---
Tributyl tin (TBT)	ND	ND	0.1	---
n-Octyl tin (MOT)	ND	ND	0.1	---
Tetrabutyl tin (TeBT)	ND	ND	0.1	---
Diphenyl tin (DPHT)	ND	ND	0.1	---
Di-n-octyl tin (DOT)	ND	ND	0.1	---
Triphenyl tin (TPHT)	ND	ND	0.1	---
Sum of Soluble Organic tin	ND	ND	---	0.2

Note:

ND = Not detected (less than report limit);

mg/kg = ppm = part per million.

(1) Migration of total organic tin is expressed as tributyl tin cation content.

(2) Results below the report limit were not included in the summation calculation.

Tested component(s):

Code	Specimen name
1	Light pink liquid
2	Red paste

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7.Migration of Certain Elements

-Category III: Scraped-off toy material.

With reference to EN 71-3:2019+A2:2024, by Inductively Coupled Plasma-Optical Emission Spectrometry (ICP-OES), Ion Chromatography-Ultraviolet (IC-UV), Gas Chromatography-Mass Spectrometry (GC-MS) analysis.

Sample No. Item(s)	Result(mg/kg)				Report limit (mg/kg)	Limit (mg/kg)
	1	2	3	4		
Soluble Lead (Pb)	ND	ND	ND	ND	5	23
Soluble Cadmium (Cd)	ND	ND	ND	ND	2	17
Soluble Chromium (Cr)	ND	ND	ND	ND	0.03	---
Soluble Chromium (III)	ND	ND	ND	ND	---	460
Soluble Chromium (VI)	ND	ND	ND	ND	0.02	0.053
Soluble Mercury (Hg)	ND	ND	ND	ND	5	94
Soluble Arsenic (As)	ND	ND	ND	ND	5	47
Soluble Selenium (Se)	ND	ND	ND	ND	10	460
Soluble Antimony (Sb)	ND	ND	ND	ND	10	560
Soluble Barium (Ba)	ND	ND	ND	ND	100	18750
Soluble Aluminium (Al)	ND	ND	ND	ND	100	28130
Soluble Boron (B)	ND	ND	ND	ND	100	15000
Soluble Cobalt (Co)	ND	ND	ND	ND	10	130
Soluble Copper (Cu)	ND	ND	ND	ND	100	7700
Soluble Manganese (Mn)	ND	ND	ND	ND	100	15000
Soluble Nickel (Ni)	ND	ND	ND	ND	50	930
Soluble Strontium (Sr)	ND	ND	ND	ND	100	56000
Soluble Tin (Sn)	ND	ND	ND	ND	2.5	180000
Soluble Organic tin	<10	<10	<10	<10	---	12
Soluble Zinc (Zn)	ND	ND	ND	1.55×10 ⁴	100	46000
Mass of trace amount (mg)	---	---	---	---	---	---

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Note:

ND = Not detected (less than report limit);

mg/kg = ppm = part per million.

(1) Soluble Chromium is not restricted by EN 71-3, results shown only for reference.

(2) Soluble Chromium (III)=Soluble Chromium (Cr) – Soluble Chromium (VI).

(3) Soluble Chromium (VI) only for IC-UV.

(4) If soluble tin content exceeded the screening limits of organic tin content, further confirmation test of Organic tin need to be performed. The migration of organic tin shall be calculated by adding the migration values expressed as tributyltin (TBT) for all the single organic tin compounds.

(5) As specified by applicant, to test content in the selected materials of the submitted samples. The test results are only responsible for the submitted sample.

Tested component(s):

Code	Specimen name
1	Blue plastic
2	Light blue plastic
3	Purple plastic
4	Creamy white sponge

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Sample Photo(s):



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*** End of Report ***