

Test Report

Report No. : AGC05443230515-001S1

SAMPLE NAME : 40pcs art drawing set

MODEL NAME : MO2054

APPLICANT: MID OCEAN BRANDS B.V

STANDARD(S) : Please refer to the following page(s).

DATE OF ISSUE : Jun. 08, 2023

Attestation of Global Compliance (Shenzhen) Std & Tech Co., Ltd.





Applicant : MID OCEAN BRANDS B.V

Address : 7/F, Kings Tower, 111 King Lam Street, Cheung Sha Wan, Kowloon, Hong Kong.

Test Site : 6/F., Building 2, Sanwei Chaxi Industrial Park, Sanwei Community, Hangcheng Street,

Bao'an District, Shenzhen, Guangdong, China

3F., Building D, Sanwei Qinyu Technical Park, Nanchang Community, Bao'an

Report No.: AGC05443230515-001S1

Avenue, Xixiang, Baoan District, Shenzhen, Guangdong, China

Report on the submitted sample(s) said to be:

Sample Name : 40pcs art drawing set

Model : MO2054
Vendor code : 106613
Country of Origin : CHINA
Country of Destination : EUROPE
Labeled Age Grading : Not stated

Requested Age Grading : 3+

Age Group Applied in

3+

Testing

Sample receiving state : Normal Sample Received Date : May 19, 2023

Testing Period : May 19, 2023 to Jun. 08, 2023

Test Requested : Selected test(s) as requested by client.

Approved by: Approved by: Mengushua

Approved by : Jessie Lan

Oinlianzhi, Reed

Huangguohua

Liangdan, Jessie.Liang

Laboratory Supervisor

Vice Laboratory Manager

Technical Director

Any report having not been signed by authorized approver, or having been altered without authorization, or having not been stamped by the "Dedicated Testing/Inspection Stamp" is deemed to be invalid. Copying or excerpting portion of, or altering the content of the report is not permitted without the written authorization of AGC. The test results presented in the report apply only to the tested sample. Any objections to report issued by AGC should be submitted to AGC within 15days after the issuance of the test report. Further enquiry of validity or verification of the test report should be addressed to AGC by agc01@agccert.com.

Tel: +86-755 2523 4088 E-mail: agc@agccert.com Web: http://www.agccert.com/



Conclusion

European Standard on Safety of Toys

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

Pass

European Standard on Safety of Toys

- EN 71-2:2020: Flammability

Pass

The Directive 2009/48/EC-Safety of Toys

- Labeling requirement (Washing/Cleaning Label, CE mark, importer / manufacturer mark (name, address), product identification)

Pass

EN71-3:2019+A1:2021 European Standard for Safety of Toys

- Migration of Certain Elements (Category 3 Scraped-off toy material)

Pass

EN71-3:2019+A1:2021 European Standard for Safety of Toys

- Migration of Certain Elements (Category 1 Dry, brittle, powder-like or pliable materials)

Pass

Annex XVII of the REACH Regulation (EC) No 1907/2006, entry 23

-Cadmium(Cd) Content

Pass

Annex XVII of the REACH Regulation (EC) No 1907/2006, entry 51&52

- Phthalates Content

Pass

Annex XVII of the REACH Regulation (EC) No 1907/2006, entry 50

- Polycyclic-aromatic Hydrocarbons (PAHs) Content

Pass

Annex XVII of the REACH Regulation (EC) No 1907/2006, entry 43

- Aromatic Amines Azodyes (AZO) Content

Pass

Annex XVII of the REACH Regulation (EC) No 1907/2006, entry 5

- Benzene Content

Pass

- Formaldehyde Release

Pass

- Colour fastness to rubbing

Pass



Report Revise Record

Report Version	Issued Date	Valid Version	Notes
/	Jun. 01, 2023	Invalid	Initial release
S1	Jun. 08, 2023	Valid	Add test



The photo of the sample





The photo of AGC05443230515-001S1 is for use only with the original report.

Test Point Description

Test point	Test point description
1-1	Black cloth(bag)+Black edge cloth(bag)+Zipper cloth(bag)
1-2	Zipper plastic teeth(bag)+Black plastic(knife)
1-3	Blue plastic(brush)+Yellow brush(brush)+Black plastic(metal pen)
1-4	Black elastic band(bag)
1-5	White eraser
1-6	Metal blade(pencil sharpener)
1-7	Metal screw(pencil sharpener)
1-8	Silver metal (pencil sharpener)
1-9	White paper pencil tube
1-10	White pencil lead
1-11	Black pencil lead
1-12	Aluminum sheet(brush)
1-13	Blue plastic(brush)
1-14	Yellow brush(brush)
1-15	Black plastic(metal pen)
1-16	Metal pen
1-17	Blue coating
1-18	Black coating
1-19	Bright black coating





Test point	Test point description
1-20	Dark matte black coating
1-21	White coating
1-22	Silver coating
1-23	Deep purple coating
1-24	Purple coating
1-25	Dark blue coating
1-26	Green coating
1-27	Cyan coating
1-28	Blue coating
1-29	Yellow coating
1-30	Pink coating
1-31	Orange coating
1-32	Red coating
1-33	Brown coating
1-34	Wood tube
1-35	Black colored pencil lead
1-36	Dark purple colored pencil lead
1-37	Purple colored pencil lead
1-38	Dark blue colored pencil lead
1-39	Green colored pencil lead
1-40	Blue colored pencil lead
1-41	Blue colored pencil lead
1-42	Yellow colored pencil lead
1-43	Pink colored pencil lead
1-44	Orange colored pencil lead
1-45	Red colored pencil lead
1-46	Brown colored pencil lead
1-47	Wood handle
1-48	Yellow paper
1-49	Black cloth(bag)
1-50	Black edge cloth(bag)



Test point	Test point description
1-51	Blue coating+Black coating+Bright black coating
1-52	Dull black coating+White coating+Sliver coating
1-53	Deep purple coating+Purple coating+Deep blue coating
1-54	Green coating+Cyan coating+Blue coating
1-55	Yellow coating+Pink coating+Orange coating
1-56	Red coating+Brown coating



Note: N.D.=Not Detected (less than method detection limit), MDL = Method Detection Limit, 1mg/kg=0.0001%

European Standard on Safety of Toys

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

Clause	Description	Result
4	GENERAL REQUIREMENTS	Pass
4.1	Material cleanliness	Pass
4.2	Assembly	N/A
4.3	Flexible plastics 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	Toys propelled by a child or by other means	N/A
4.15.1.1	General	N/A
4.15.1.2	Warnings and instructions for use	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	Toy bicycles	N/A
4.15.2.1	General	N/A
4.15.2.2	Warnings and instructions for use	N/A
4.15.2.3	Braking requirements	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	Toy scooters	N/A
4.15.5.1	General	
4.15.5.2	Warnings and instructions for use	N/A
4.15.5.3	Strength	N/A
4.15.5.4	Adjustable and folding steering tubes	N/A
4.15.5.5	Braking	N/A



4.15.5.6 Wheel size		Report No.: AGC05443	230313-00131
Heavy immobile toys		Wheel size	
4.17.1 General N/A	4.15.5.7		N/A
4.17.1 General	4.16	Heavy immobile toys	N/A
4.17.2.1 Leading parts N/A 4.17.2.2 Foam shaft projectiles with a suction cup as a leading part N/A 4.17.2.3 Other types of projectile with a suction cup as a leading part N/A 4.17.3.1 Projectile loves with stored energy N/A 4.17.3.1 Energy limitation N/A 4.17.3.2 Edges N/A 4.17.3.2 Edges N/A 4.17.3.3 Projectiles with a protective cap, cover or tip N/A 4.17.3.3 Improvised projectiles with a protective cap, cover or tip N/A 4.17.3.4 Impact resistance N/A 4.17.3.5 Improvised projectiles N/A 4.17.3.5 Improvised projectiles N/A 4.17.4.1 Darts N/A 4.17.4.1 Darts N/A 4.17.4.1 Darts N/A 4.17.4.2 Certain projectile toys without stored energy N/A 4.17.4.3 Toy catapults and projectiles propelled by an elastic band N/A 4.17.4.4 Projectile toys without stored energy where the discharge mechanism can store energy, only when held in place by the user N/A 4.18 Aquatic toys and inflatable toys 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 Magnetic 4.23.1 General Toys containing a non-electrical experimental sets intended for children over 8 years N/A 4.24 Yo-yo balls N/A 4.25 Toys attached to food N/A 4.26 Toy situation food N/A 4.27 Flying toys 4.28 Rotors and propellers on flying toys 4.29 Rotors and propellers on flying toys 4.20 Rotors and propellers on flying toys 4.21 General 5.24 Filling materials 5.3 Plastic sheeting 5.34 Cords, chains with the potential to tangle 5.42.1 Cords and chains in toys intended for children over by tunder 1 Post of the potential of to and 1 Post of the potential of to angle 5.42.2 Two cords or chains with the potential to tangle 5.42.3 Two cords or chains with the potential to tangle 5.42.3 Two cords or chains with the potential to tangle 5.42.3 Two cords or chains with the potential to tangle 5.42.4 Two cords or chains with the potential to tangle 5.42.3 Two cords or chains with the potential to tangle 5.42.3 Two cords or chains with the potential	4.17	Projectiles	N/A
4.17.2.1 Leading parts	4.17.1	General	
4.17.2.2 Foam shaft projectities with a suction cup as a leading part 4.17.2.3 Other types of projectile with a suction cup as a leading part 4.17.3.1 Projectile to types with stored energy 5.7.4 4.17.3.2 Edges 7.7.4 4.17.3.3 Projectile syst with stored energy 8.7.4 4.17.3.3 Projectile syst with a protective cap, cover or tip 8.7.4 4.17.3.3 Projectiles with a protective cap, cover or tip 8.7.4 4.17.3.4 Impact resistance 8.7.4 4.17.4.1 Certain projectile toys without stored energy 8.7.4 4.17.4.1 Darts 8.7.4 4.17.4.2 Bows and arrows 8.7.4 4.17.4.3 Toy catapults and projectiles propelled by an elastic band 8.7.4 8.17.4.4 Projectile toys without stored energy where the discharge mechanism can store energy, only when held in place by the user 8.7.4 8.4.17.4.4 Acquatic toys and inflatable toys 8.7.4 8.4.19 Percussion caps specifically designed for use in toys and toys using percussion caps 8.7.4 8.4.20 Acoustics 8.7.4 8.4.21 Toys containing a non-electrical heat source 8.7.4 8.4.23 Magnetes 8.7.4 8.23.2 Toys other than magnetic/electrical experimental sets intended for children over 8 years 8.7.4 8.4.23.1 General 8.7.4 8.4.24 Yo-yo balls 8.7.4 8.4.27 Flying toys 8.7.4 8.7.4 8.7.7 Flying toys 8.7.4 8.7.5 Flying toys 8.7.5 Flying toys 8.7.5 Flying toys 8.7.5 Flying toys 8.7.6 8.7.7 Flying toys 8.7.7 Flying toys 8	4.17.2	All projectiles	N/A
4.17.2.3 Other types of projectile with a suction cup as a leading part	4.17.2.1	Leading parts	N/A
4.17.3 Projectile toys with stored energy	4.17.2.2	Foam shaft projectiles with a suction cup as a leading part	N/A
4.17.3.1 Energy limitation	4.17.2.3	Other types of projectile with a suction cup as a leading part	N/A
4.17.3.2 Edges	4.17.3	Projectile toys with stored energy	N/A
4.17.3.3 Projectiles with a protective cap, cover or tip	4.17.3.1	Energy limitation	N/A
4.17.3.4 Impact resistance	4.17.3.2		N/A
4.17.3.5 Improvised projectiles	4.17.3.3	Projectiles with a protective cap, cover or tip	N/A
4.17.4 Certain projectile toys without stored energy N/A 4.17.4.1 Darts N/A 4.17.4.2 Bows and arrows N/A 4.17.4.3 Toy catapults and projectiles propelled by an elastic band N/A 4.17.4.4 Projectile toys without stored energy where the discharge mechanism can store energy, only when held in place by the user 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 4.23.1 General 4.23.2 Toys other than magnetic/electrical experimental sets intended for children over 8 years N/A 4.23.3 Magnetic/electrical experimental sets intended for children over 8 years N/A 4.23.1 Toys attached to food 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 4.27.1 General N/A 4.27.2 Rotors and propellers on flying toys N/A 4.27.3 Rotors and propellers on remote controlled flying toys N/A 4.27.2 Rotors and propellers on remote controlled flying toys N/A 5.1 General N/A 5.2 Filling materials N/A 5.3 Plastic sheeting N/A 5.4 Cords, chains and electrical cables in toys 5.4.1 General N/A 5.4.2 Cords and chains in toys intended for children under 18 months N/A 5.4.2.1 Cords and chains with the potential to tangle N/A 5.4.2.1 Toyo cords or chains with the potential to tangle N/A 5.4.3 Cords and chains in toys intended for children over but under 36 months N/A 5.4.3 Separated cords and chains 5.4.3 Cords and chains in toys intended for children over but under 36 months N/A 5.4.3.1 Cords and chains in toys intended for children of 18 months or over but under 36 months N/A 5.4.3.1 Cords and chains in toys intended for children of 18 months or over but under 36 months N/A 5.4.3.1 Cords and chains in toys intended for children of 18 months or over but under 36 months N/A 5.4.3.2 Two cords or chains with the potential to tangle	4.17.3.4	Impact resistance	N/A
4.17.4.1 Darts 4.17.4.2 Bows and arrows N/A 4.17.4.3 Toy catapults and projectiles propelled by an elastic band N/A 4.17.4.4 Projectile toys without stored energy where the discharge mechanism can store energy, only when held in place by the user 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 4.23.1 General 4.23.2 Toys other than magnetic/electrical experimental sets intended for children over 8 years 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 4.27.1 General N/A 4.27.2 Rotors and propellers on flying toys N/A 4.27.3 Rotors and propellers on remote controlled flying toys N/A 4.27.3 Rotors and propellers on remote controlled flying toys N/A 5.1 General requirements N/A 5.2 Filling materials N/A 5.3 Plastic sheeting N/A 5.4 Cords, chains and electrical cables in toys 5.4.1 General Cords and chains with the potential to tangle N/A 5.4.2.1 Cords and chains with the potential to tangle N/A 5.4.3.2 Two cords or chains with the potential to tangle S.4.3.1 Cords and chains in toys intended for children of 18 months or over but under 36 months N/A 5.4.3.2 Two cords or chains with the potential to tangle S.4.3.1 Cords and chains in toys intended for children of 18 months or over but under 36 months N/A 5.4.3.2 Two cords or chains with the potential to tangle	4.17.3.5	Improvised projectiles	N/A
4.17.4.2 Bows and arrows 4.17.4.3 Toy catapults and projectiles propelled by an elastic band N/A 4.17.4.4 Projectile toys without stored energy where the discharge mechanism can store energy, only when held in place by the user 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 4.23.1 General 4.23.2 Toys other than magnetic/electrical experimental sets intended for children over 8 years 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 4.27.1 General 4.27.2 Rotors and propellers on flying toys N/A 4.27.3 Rotors and propellers on remote controlled flying toys N/A 4.27.3 Rotors and propellers on remote controlled flying toys N/A 5.1 General requirements N/A 5.2 Filling materials N/A 5.3 Plastic sheeting N/A 5.4.1 General Cords, chains and electrical cables in toys 5.4.2 Cords and chains in toys intended for children under 18 months N/A 5.4.2.1 Toyo cords or chains with the potential to tangle N/A 5.4.3.1 Cords and chains in toys intended for children of 18 months or over but under 36 months N/A 5.4.3.1 Cords and chains in toys intended for children of 18 months or over but under 36 months N/A 5.4.3.1 Cords and chains in toys intended for children of 18 months or over but under 36 months N/A 5.4.3.1 Cords and chains with the potential to tangle N/A 5.4.3.2 Two cords or chains with the potential to tangle N/A 5.4.3.3 Cords and chains in toys intended for children of 18 months or over but under 36 months N/A 5.4.3.2 Two cords or chains with the potential to tangle	4.17.4	Certain projectile toys without stored energy	N/A
4.17.4.3 Toy catapults and projectiles propelled by an elastic band N/A 4.17.4.4 Projectile toys without stored energy where the discharge mechanism can store energy, only when held in place by the user 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 4.23.1 General 4.23.2 Toys other than magnetic/electrical experimental sets intended for children over 8 years N/A 4.23.3 Magnetic/electrical experimental sets intended for children over 8 years 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 4.27.1 General N/A 4.27.2 Rotors and propellers on flying toys N/A 4.27.3 Rotors and propellers on remote controlled flying toys N/A 4.27.3 Rotors and propellers on remote controlled flying toys N/A 5.1 General N/A 5.2 Filling materials N/A 5.3 Plastic sheeting N/A 5.4 Cords, chains and electrical cables in toys N/A 5.4.2 Cords and chains in toys intended for children under 18 months N/A 5.4.2.1 Cords and chains with the potential to tangle N/A 5.4.3.1 Cords and chains with the potential to tangle N/A 5.4.3.2 Free length of cords and chains N/A 5.4.3.3 Two cords or chains with the potential to tangle N/A 5.4.3.1 Cords and chains with the potential to tangle N/A 5.4.3.2 Two cords or chains with the potential to tangle N/A 5.4.3.3 Two cords or chains with the potential to tangle N/A 5.4.3.3 Two cords or chains with the potential to tangle N/A 5.4.3.3 Two cords or chains with the potential to tangle N/A 5.4.3.1 Cords and chains with the potential to tangle N/A 5.4.3.2 Two cords or chains with the	4.17.4.1	Darts	N/A
A.17.4.4 Projectile toys without stored energy where the discharge mechanism can store energy, only when held in place by the user Aquatic toys and inflatable toys N/A	4.17.4.2	Bows and arrows	N/A
A.17.4.4 Projectile toys without stored energy where the discharge mechanism can store energy, only when held in place by the user Aquatic toys and inflatable toys N/A	4.17.4.3	Toy catapults and projectiles propelled by an elastic band	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 4.23.1 General 4.23.2 Toys other than magnetic/electrical experimental sets intended for children over 8 years N/A 4.23.2 Toys other than magnetic/electrical experimental sets intended for children over 8 years N/A 4.23.3 Magnetic/electrical experimental sets intended for children over 8 years N/A 4.24 Yo-yo balls N/A 4.25 Toys attached to food N/A 4.26 Toy Disguise Costumes N/A 4.27.1 General N/A 4.27.2 Rotors and propellers on flying toys N/A 4.27.2 Rotors and propellers on remote controlled flying toys N/A 5 TOYS INTENDED FOR CHILDREN UNDER 36 MONTHS N/A 5.1 General requirements N/A 5.2 Filling materials N/A 5.4 Cords, chains and	4.17.4.4	Projectile toys without stored energy where the discharge mechanism can store energy,	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 4.23.1 General 4.23.2 Toys other than magnetic/electrical experimental sets intended for children over 8 years N/A 4.23.3 Magnetic/electrical experimental sets intended for children over 8 years 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 4.27 Flying toys N/A 4.27.1 General N/A 4.27.2 Rotors and propellers on flying toys N/A 4.27.3 Rotors and propellers on remote controlled flying toys N/A 5.1 General Polys Intended For CHILDREN UNDER 36 MONTHS N/A 5.1 General requirements N/A 5.2 Filling materials N/A 5.3 Plastic sheeting N/A 5.4 Cords, chains and electrical cables in toys N/A 5.4.1 General 5.4.2.1 Cords and chains in toys intended for children under 18 months N/A 5.4.2.1 Two cords or chains with the potential to tangle N/A 5.4.2.2 Two cords and chains with the potential to tangle N/A 5.4.3.1 Cords and chains in toys intended for children of 18 months or over but under 36 months N/A 5.4.3.1 Cords and chains in toys intended for children of 18 months or over but under 36 months N/A 5.4.3.1 Cords and chains with the potential to tangle N/A 5.4.3.2 Two cords or chains with the potential to tangle N/A 5.4.3.1 Cords and chains in toys intended for children of 18 months or over but under 36 months N/A 5.4.3.2 Two cords or chains with the potential to tangle N/A 5.4.3.2 Two cords or chains with the potential to tangle N/A 5.4.3.2 Two cords or chains with the potential to tangle N/A 5.4.3.2 Two cords or chains with the potential to tangle N/A 5.4.3.2 Two cords or chains with the potential to tangle N/A	4.18	Aquatic toys and inflatable toys	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 4.23.1 General 4.23.2 Toys other than magnetic/electrical experimental sets intended for children over 8 years N/A 4.23.3 Magnetic/electrical experimental sets intended for children over 8 years 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 4.27 Flying toys N/A 4.27.1 General N/A 4.27.2 Rotors and propellers on flying toys N/A 4.27.3 Rotors and propellers on remote controlled flying toys N/A 5.1 General Polys Intended For Children Over 8 years N/A 5.1 General requirements N/A 5.2 Filling materials N/A 5.3 Plastic sheeting N/A 5.4 Cords, chains and electrical cables in toys N/A 5.4.1 General 5.4.2.1 Cords and chains in toys intended for children under 18 months N/A 5.4.2.2 Two cords or chains with the potential to tangle N/A 5.4.2.3 Separated cords and chains N/A 5.4.2.4 Free length of cords and chains N/A 5.4.3.1 Cords and chains with the potential to tangle 5.4.3.2 Two cords or chains with the potential to tangle 5.4.3.1 Cords and chains in toys intended for children of 18 months or over but under 36 months N/A 5.4.3.1 Cords and chains with the potential to tangle 5.4.3.2 Two cords or chains with the potential to tangle 5.4.3.1 Cords and chains in toys intended for children of 18 months or over but under 36 months N/A 5.4.3.2 Two cords or chains with the potential to tangle N/A 5.4.3.2 Two cords or chains with the potential to tangle	4.19	Percussion caps specifically designed for use in toys and toys using percussion caps	N/A
4.22 Small balls N/A 4.23 Magnets N/A 4.23.1 General 4.23.2 Toys other than magnetic/electrical experimental sets intended for children over 8 years N/A 4.23.3 Magnetic/electrical experimental sets intended for children over 8 years 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 4.27.1 General N/A 4.27.2 Rotors and propellers on flying toys N/A 4.27.3 Rotors and propellers on remote controlled flying toys N/A 5.1 General N/A 5.1 General SN/A 5.2 Filling materials N/A 5.3 Plastic sheeting N/A 5.4 Cords, chains and electrical cables in toys 5.4.1 General 5.4.2 Cords and chains in toys intended for children under 18 months N/A 5.4.2.1 Two cords or chains with the potential to tangle N/A 5.4.2.3 Separated cords and chains N/A 5.4.2.4 Free length of cords and chains N/A 5.4.3.1 Cords and chains in toys intended for children of 18 months or over but under 36 months N/A 5.4.3.1 Cords and chains in toys intended for children of 18 months or over but under 36 months N/A 5.4.3.1 Cords and chains with the potential to tangle 5.4.3.2 Two cords or chains with the potential to tangle 5.4.3.3 Cords and chains in toys intended for children of 18 months or over but under 36 months N/A 5.4.3.2 Two cords or chains with the potential to tangle 5.4.3.3 Cords and chains in toys intended for children of 18 months or over but under 36 months N/A 5.4.3.2 Two cords or chains with the potential to tangle N/A 5.4.3.2 Two cords or chains with the potential to tangle	4.20		N/A
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5.1General requirementsN/A5.2Filling materialsN/A5.3Plastic sheetingN/A5.4Cords, chains and electrical cables in toysN/A5.4.1General5.4.2Cords and chains in toys intended for children under 18 monthsN/A5.4.2.1Cords and chains with the potential to tangleN/A5.4.2.2Two cords or chains with the potential to tangleN/A5.4.2.3Separated cords and chainsN/A5.4.2.4Free length of cords and chainsN/A5.4.3.1Cords and chains with the potential to tangleN/A5.4.3.2Two cords or chains with the potential to tangleN/A5.4.3.2Two cords or chains with the potential to tangleN/A	4.27.3	Rotors and propellers on remote controlled flying toys	N/A
5.2Filling materialsN/A5.3Plastic sheetingN/A5.4Cords, chains and electrical cables in toysN/A5.4.1General5.4.2Cords and chains in toys intended for children under 18 monthsN/A5.4.2.1Cords and chains with the potential to tangleN/A5.4.2.2Two cords or chains with the potential to tangleN/A5.4.2.3Separated cords and chainsN/A5.4.2.4Free length of cords and chainsN/A5.4.3Cords and chains in toys intended for children of 18 months or over but under 36 monthsN/A5.4.3.1Cords and chains with the potential to tangleN/A5.4.3.2Two cords or chains with the potential to tangleN/A	5	TOYS INTENDED FOR CHILDREN UNDER 36 MONTHS	N/A
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5.4 Cords, chains and electrical cables in toys 5.4.1 General 5.4.2 Cords and chains in toys intended for children under 18 months N/A 5.4.2.1 Cords and chains with the potential to tangle N/A 5.4.2.2 Two cords or chains with the potential to tangle N/A 5.4.2.3 Separated cords and chains N/A 5.4.2.4 Free length of cords and chains N/A 5.4.3 Cords and chains in toys intended for children of 18 months or over but under 36 months N/A 5.4.3.1 Cords and chains with the potential to tangle N/A 5.4.3.2 Two cords or chains with the potential to tangle N/A			
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5.4.2 Cords and chains in toys intended for children under 18 months 5.4.2.1 Cords and chains with the potential to tangle 5.4.2.2 Two cords or chains with the potential to tangle 5.4.2.3 Separated cords and chains 5.4.2.4 Free length of cords and chains 5.4.3 Cords and chains in toys intended for children of 18 months or over but under 36 months 5.4.3.1 Cords and chains with the potential to tangle 5.4.3.2 Two cords or chains with the potential to tangle N/A N/A			
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5.4.3.1 Cords and chains with the potential to tangle N/A 5.4.3.2 Two cords or chains with the potential to tangle N/A			
5.4.3.2 Two cords or chains with the potential to tangle N/A			
5. 1.5.5 Deparated cords and chams	5.4.3.3	Separated cords and chains	N/A



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5.4.3.4	Free length of cords and chains	N/A
5.4.3.5	Cords and chains not suitable for children under 18 months	N/A
5.4.4	Fixed loops, tangled loops and nooses	N/A
5.4.5	Cords and chains on pull along toys	N/A
5.4.6	Electrical cables	N/A
5.4.7	Cross-sectional dimension of certain cords	N/A
5.4.8	Self-retracting cords	N/A
5.4.9	Toys attached to or intended to be strung across a cradle, cot or perambulator	N/A
5.4.9.1	Toys intended to be strung across a cradle, cot or perambulator	N/A
5.4.9.2	Toys otherwise intended to be attached to a cradle, cot or perambulator	N/A
5.5	Liquid-filled toys	N/A
5.6	Speed limitation of electrically driven 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	Pass
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
7.6	Hazardous sharp functional edges and points	Pass
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
7.10.1	Roller skates, inline skates and skateboards	N/A
7.10.2	Ride-on toys without a braking device	N/A
7.10.3	Electrically-driven ride-on toys	N/A
7.10.4	Instructions for use	N/A
7.11	Toys intended to be strung across a cradle, cot, or perambulator	N/A
7.12	Liquid-filled teethers	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
7.20	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	N/A
	months	
7.23	Toys intended to be attached to a cradle, cot or perambulator	N/A
7.24	Sledges with cords for pulling	N/A

Any report having not been signed by authorized approver, or having been altered without authorization, or having not been stamped by the "Dedicated Testing/Inspection Stamp" is deemed to be invalid. Copying or excerpting portion of, or altering the content of the report is not permitted without the written authorization of AGC. The test results presented in the report apply only to the tested sample. Any objections to report issued by AGC should be submitted to AGC within 15days after the issuance of the test report. Further enquiry of validity or verification of the test report should be addressed to AGC by agc01@agccert.com.

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7.25	Flying toys	N/A
7.25.1	Flying toys	N/A
7.25.2	Remote controlled flying toys	N/A
7.26	Improvised projectiles	N/A

European Standard on Safety of Toys

- EN 71-2:2020: Flammability

Clause	Requirements	Result
4	Requirements	Pass
4.1	General	Pass
4.2	Toys to be worn on the head	N/A
4.2.1	General	
4.2.2	Beards, moustaches, wigs, etc, made from hair, pile or material with similar features (e.g. freehanging ribbons, paper or cloth strands), which protrude more than or equal to 50 mm from the surface of the toy	N/A
4.2.3	Beards, moustaches, wigs etc. made from hair, pile or material with similar features (e.g. freehanging ribbons, paper or cloth strands etc.), which protrude less than 50 mm from the surface of the toy	N/A
4.2.4	Full or partial moulded head masks	N/A
4.2.5	Flowing elements of toys to be worn on the head (except those covered by 4.2.2 and 4.2.3), hoods, head-dresses etc. and fabric masks which partially or fully cover the head, but excluding those items covered by 4.3	N/A
4.3	Toys disguise costumes and other 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 (animals and dolls, etc) with a piled or textile surface	N/A



The Directive 2009/48/EC-Safety of Toys

- Labeling requirement (Washing/Cleaning Label, CE mark, importer / manufacturer mark (name, address),

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product identification)

	On product	On packaging	
Washing/Cleaning instruction	N/A	N/A	
CE marking	Present	Absent	
Manufacturer's name	Absent	Absent	
Manufacturer's address	Absent	Absent	
Importer's name	Present	Absent	
Importer's address	Present	Absent	
Sample ID	Present	Absent	

Remark 1:

Washing/Cleaning label: According to Directive 2009/48/EC the following safety requirements apply regarding cleaning and washing: 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 soak washed. The toy must fulfill the safety requirements also after having been cleaned in accordance with this point and the manufacturer's instructions. The manufacturer should, if applicable, provide instructions on how the toy has to be cleaned.

Remark 2:

Toys made available on the market must bear the CE marking. The CE marking must be subject to the general principles set out in Article 30 of Regulation (EC) No 765/2008. The CE marking must be affixed visibly, legibly and indelibly to the toy, to an affixed label or to the packaging. In the case of small toys and toys consisting of small parts, the CE marking may alternatively be affixed to a label or an accompanying leaflet. Where, in the case of toys sold in counter displays, that is not technically possible, and on condition that the counter display was originally used as packaging for the toy, the CE marking may be affixed to the counter display. Where the CE marking is not visible from outside the packaging, if any, it shall as a minimum be affixed to the packaging. Where specific legislation does not impose specific dimensions, the CE marking must be at least 5 mm high.

Remark 3

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

Remark 4:

Manufacturers must 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.

Note

Per the client's requirement, the testing age grading is over 3 years of age

Test result Clause 4.7 & Clause 7.2 & Clause 7.6 were resubmitted sample on May 29, 2023.

N/A=Not Applicable; N/T=Not Tested; DNI = Did Not Ignite; IBSE = Ignite But Self-Extinguished; --=No judgement required



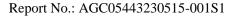
EN71-3:2019+A1:2021 European Standard for Safety of Toys

- Migration of Certain Elements (Category 3 Scraped-off toy material)

Test Method: With reference to EN71-3:2019+ A1:2021, analyzed by Inductively Coupled Plasma Optical Emission Spectroscopy (ICP-OES), Gas Chromatograph-Mass Spectrometry (GC-MS), Inductively Coupled Plasma Mass Spectrometer (ICP-MS) and Ion Chromatograph-Inductively Coupled Plasma Mass Spectrometer (IC-ICP-MS).

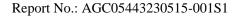
Report No.: AGC05443230515-001S1

Test Result (mg/kg) **Substance** MDL (mg/kg) 1-8 1-9 1-5 1-6 1-7 Aluminium (Al) 5.0 N.D. N.D. 67 106 N.D. Antimony (Sb) 5.0 N.D. N.D. N.D. N.D. N.D. Arsenic (As) 0.5 N.D. N.D. N.D. N.D. N.D. Barium (Ba) 5.0 N.D. N.D. N.D. N.D. N.D. Boron (B) 5.0 N.D. N.D. N.D. N.D. N.D. Cadmium (Cd) 0.2 N.D. N.D. N.D. N.D. N.D. Chromium(III) (Cr³⁺) 0.02 N.D. N.D. N.D. N.D. N.D. Chromium(VI) (Cr⁶⁺) 0.02 N.D. Cobalt (Co) 1.0 Copper (Cu) 5.0 N.D. N.D. N.D. N.D. N.D. Lead (Pb) 2.0 N.D. N.D. N.D. N.D. N.D. Manganese (Mn) 5.0 N.D. 47 N.D. N.D. N.D. N.D. N.D. N.D. Mercury (Hg) 1.0 N.D. N.D. Nickel (Ni) 5.0 N.D. N.D. 50 N.D. N.D. Selenium (Se) 5.0 N.D. N.D. N.D. N.D. N.D. Strontium (Sr) 5.0 N.D. N.D. N.D. N.D. N.D. Tin (Sn) 5.0 N.D. N.D. N.D. N.D. N.D. Organic tin☆ 0.1 N.D. N.D. N.D. N.D. N.D. Zinc (Zn) 5.0 N.D. 19 10 N.D. N.D. **PASS PASS PASS PASS** PASS Conclusion



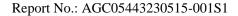


G. L.	MDI (/I)	Test Result (mg/kg)				
Substance	MDL (mg/kg)	1-12	1-13	1-14	1-15	1-16
Aluminium (Al)	5.0	598	12	N.D.	N.D.	11
Antimony (Sb)	5.0	N.D.	N.D.	N.D.	N.D.	N.D.
Arsenic (As)	0.5	N.D.	N.D.	N.D.	N.D.	N.D.
Barium (Ba)	5.0	N.D.	N.D.	N.D.	N.D.	N.D.
Boron (B)	5.0	N.D.	N.D.	N.D.	N.D.	N.D.
Cadmium (Cd)	0.2	N.D.	N.D.	N.D.	N.D.	N.D.
Chromium(III) (Cr ³⁺)	0.02	N.D.	N.D.	N.D.	N.D.	136
Chromium(VI) (Cr ⁶⁺)	0.02	N.D.	N.D.	N.D.	N.D.	N.D.
Cobalt (Co)	1.0	N.D.	N.D.	N.D.	N.D.	N.D.
Copper (Cu)	5.0	N.D.	N.D.	N.D.	N.D.	N.D.
Lead (Pb)	2.0	N.D.	N.D.	N.D.	N.D.	N.D.
Manganese (Mn)	5.0	N.D.	N.D.	N.D.	N.D.	103
Mercury (Hg)	1.0	N.D.	N.D.	N.D.	N.D.	N.D.
Nickel (Ni)	5.0	N.D.	N.D.	N.D.	N.D.	11
Selenium (Se)	5.0	N.D.	N.D.	N.D.	N.D.	N.D.
Strontium (Sr)	5.0	N.D.	N.D.	N.D.	N.D.	N.D.
Tin (Sn)	5.0	N.D.	N.D.	N.D.	N.D.	N.D.
Organic tin☆	0.1	N.D.	N.D.	N.D.	N.D.	N.D.
Zinc (Zn)	5.0	10	N.D.	N.D.	N.D.	N.D.
Conclusio	Conclusion			PASS	PASS	PASS



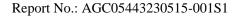


G. D. (Te	Test Result (mg/kg)		
Substance	MDL (mg/kg)	1-17	1-18	1-19	1-20	1-21
Aluminium (Al)	5.0	21	234	N.D.	15	36
Antimony (Sb)	5.0	N.D.	N.D.	N.D.	N.D.	N.D.
Arsenic (As)	0.5	N.D.	N.D.	N.D.	N.D.	N.D.
Barium (Ba)	5.0	288	19	291	48	N.D.
Boron (B)	5.0	N.D.	N.D.	N.D.	N.D.	N.D.
Cadmium (Cd)	0.2	N.D.	N.D.	N.D.	N.D.	N.D.
Chromium(III) (Cr ³⁺)	0.02	N.D.	N.D.	N.D.	N.D.	N.D.
Chromium(VI) (Cr ⁶⁺)	0.02	N.D.	N.D.	N.D.	N.D.	N.D.
Cobalt (Co)	1.0	N.D.	N.D.	N.D.	N.D.	N.D.
Copper (Cu)	5.0	N.D.	N.D.	N.D.	N.D.	N.D.
Lead (Pb)	2.0	N.D.	N.D.	N.D.	N.D.	N.D.
Manganese (Mn)	5.0	N.D.	15	N.D.	N.D.	N.D.
Mercury (Hg)	1.0	N.D.	N.D.	N.D.	N.D.	N.D.
Nickel (Ni)	5.0	N.D.	N.D.	N.D.	N.D.	N.D.
Selenium (Se)	5.0	N.D.	N.D.	N.D.	N.D.	N.D.
Strontium (Sr)	5.0	N.D.	N.D.	N.D.	N.D.	N.D.
Tin (Sn)	5.0	N.D.	N.D.	N.D.	N.D.	N.D.
Organic tin☆	0.1	N.D.	N.D.	N.D.	N.D.	N.D.
Zinc (Zn)	5.0	80	N.D.	33	N.D.	N.D.
Conclusio	Conclusion		PASS	PASS	PASS	PASS



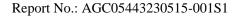


G. L. (MDI		Te	st Result (mg/	kg)	
Substance	MDL (mg/kg)	1-22	1-23	1-24	1-25	1-26
Aluminium (Al)	5.0	2560	1443	675	1026	1170
Antimony (Sb)	5.0	N.D.	N.D.	N.D.	N.D.	N.D.
Arsenic (As)	0.5	N.D.	N.D.	N.D.	N.D.	N.D.
Barium (Ba)	5.0	73	337	381	291	266
Boron (B)	5.0	N.D.	N.D.	N.D.	N.D.	N.D.
Cadmium (Cd)	0.2	N.D.	N.D.	N.D.	N.D.	N.D.
Chromium(III) (Cr ³⁺)	0.02	N.D.	N.D.	N.D.	N.D.	N.D.
Chromium(VI) (Cr ⁶⁺)	0.02	N.D.	N.D.	N.D.	N.D.	N.D.
Cobalt (Co)	1.0	N.D.	N.D.	N.D.	N.D.	N.D.
Copper (Cu)	5.0	N.D.	N.D.	N.D.	N.D.	N.D.
Lead (Pb)	2.0	N.D.	N.D.	N.D.	N.D.	N.D.
Manganese (Mn)	5.0	N.D.	N.D.	N.D.	N.D.	N.D.
Mercury (Hg)	1.0	N.D.	N.D.	N.D.	N.D.	N.D.
Nickel (Ni)	5.0	N.D.	N.D.	N.D.	N.D.	N.D.
Selenium (Se)	5.0	N.D.	N.D.	N.D.	N.D.	N.D.
Strontium (Sr)	5.0	N.D.	N.D.	N.D.	10	12
Tin (Sn)	5.0	N.D.	N.D.	N.D.	N.D.	N.D.
Organic tin☆	0.1	N.D.	N.D.	N.D.	N.D.	N.D.
Zinc (Zn)	5.0	18	101	101	128	81
Conclusio	n	PASS	PASS	PASS	PASS	PASS





G. 1. 4			Te	st Result (mg/	kg)	
Substance	MDL (mg/kg)	1-27	1-28	1-29	1-30	1-31
Aluminium (Al)	5.0	856	837	348	280	491
Antimony (Sb)	5.0	N.D.	N.D.	N.D.	N.D.	N.D.
Arsenic (As)	0.5	N.D.	N.D.	N.D.	N.D.	N.D.
Barium (Ba)	5.0	361	290	232	255	56
Boron (B)	5.0	N.D.	N.D.	N.D.	N.D.	N.D.
Cadmium (Cd)	0.2	N.D.	N.D.	N.D.	N.D.	N.D.
Chromium(III) (Cr ³⁺)	0.02	N.D.	N.D.	N.D.	N.D.	N.D.
Chromium(VI) (Cr ⁶⁺)	0.02	N.D.	N.D.	N.D.	N.D.	N.D.
Cobalt (Co)	1.0	N.D.	N.D.	N.D.	N.D.	N.D.
Copper (Cu)	5.0	N.D.	N.D.	N.D.	N.D.	N.D.
Lead (Pb)	2.0	N.D.	N.D.	N.D.	N.D.	N.D.
Manganese (Mn)	5.0	N.D.	N.D.	N.D.	N.D.	N.D.
Mercury (Hg)	1.0	N.D.	N.D.	N.D.	N.D.	N.D.
Nickel (Ni)	5.0	N.D.	N.D.	N.D.	N.D.	N.D.
Selenium (Se)	5.0	N.D.	N.D.	N.D.	N.D.	N.D.
Strontium (Sr)	5.0	N.D.	N.D.	N.D.	N.D.	N.D.
Tin (Sn)	5.0	N.D.	N.D.	N.D.	N.D.	N.D.
Organic tin☆	0.1	N.D.	N.D.	N.D.	N.D.	N.D.
Zinc (Zn)	5.0	138	283	18	829	18
Conclusio	n	PASS	PASS	PASS	PASS	PASS





G. 1. 4			Te	st Result (mg/	kg)	
Substance	MDL (mg/kg)	1-32	1-33	1-34	1-47	1-48
Aluminium (Al)	5.0	1373	605	N.D.	N.D.	N.D.
Antimony (Sb)	5.0	N.D.	N.D.	N.D.	N.D.	N.D.
Arsenic (As)	0.5	N.D.	N.D.	N.D.	N.D.	N.D.
Barium (Ba)	5.0	383	6294	N.D.	N.D.	N.D.
Boron (B)	5.0	N.D.	N.D.	N.D.	N.D.	N.D.
Cadmium (Cd)	0.2	N.D.	N.D.	N.D.	N.D.	N.D.
Chromium(III) (Cr ³⁺)	0.02	N.D.	N.D.	N.D.	N.D.	N.D.
Chromium(VI) (Cr ⁶⁺)	0.02	N.D.	N.D.	N.D.	N.D.	N.D.
Cobalt (Co)	1.0	N.D.	N.D.	N.D.	N.D.	N.D.
Copper (Cu)	5.0	N.D.	N.D.	N.D.	N.D.	N.D.
Lead (Pb)	2.0	N.D.	N.D.	N.D.	N.D.	N.D.
Manganese (Mn)	5.0	N.D.	N.D.	N.D.	N.D.	N.D.
Mercury (Hg)	1.0	N.D.	N.D.	N.D.	N.D.	N.D.
Nickel (Ni)	5.0	N.D.	N.D.	N.D.	N.D.	N.D.
Selenium (Se)	5.0	N.D.	N.D.	N.D.	N.D.	N.D.
Strontium (Sr)	5.0	N.D.	N.D.	N.D.	N.D.	N.D.
Tin (Sn)	5.0	N.D.	N.D.	N.D.	N.D.	N.D.
Organic tin☆	0.1	N.D.	N.D.	N.D.	N.D.	N.D.
Zinc (Zn)	5.0	60	48	N.D.	N.D.	N.D.
Conclusio	n	PASS	PASS	PASS	PASS	PASS



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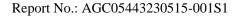
EN71-3.2019+A1.2021 European Standard for Safety of Toys

- Migration of Certain Elements (Category 1 Dry, brittle, powder-like or pliable materials)

	MDI (/I)		Test Result (mg/kg)			
Substance	MDL (mg/kg)	1-10	1-11	1-35	1-36	1-37
Aluminium (Al)	5.0	N.D.	466	131	107	178
Antimony (Sb)	5.0	N.D.	N.D.	N.D.	N.D.	N.D.
Arsenic (As)	0.5	N.D.	N.D.	N.D.	N.D.	N.D.
Barium (Ba)	5.0	N.D.	N.D.	27	N.D.	N.D.
Boron (B)	5.0	N.D.	N.D.	N.D.	N.D.	N.D.
Cadmium (Cd)	0.2	N.D.	N.D.	N.D.	N.D.	N.D.
Chromium(III) (Cr ³⁺)	0.02	N.D.	N.D.	N.D.	N.D.	N.D.
Chromium(VI) (Cr ⁶⁺)	0.02	N.D.	N.D.	N.D.	N.D.	N.D.
Cobalt (Co)	1.0	N.D.	N.D.	N.D.	N.D.	N.D.
Copper (Cu)	5.0	N.D.	N.D.	N.D.	N.D.	N.D.
Lead (Pb)	2.0	N.D.	N.D.	N.D.	N.D.	N.D.
Manganese (Mn)	5.0	N.D.	N.D.	N.D.	N.D.	N.D.
Mercury (Hg)	1.0	N.D.	N.D.	N.D.	N.D.	N.D.
Nickel (Ni)	5.0	N.D.	N.D.	N.D.	N.D.	N.D.
Selenium (Se)	5.0	N.D.	N.D.	N.D.	N.D.	N.D.
Strontium (Sr)	5.0	22	N.D.	N.D.	N.D.	N.D.
Tin (Sn)	5.0	N.D.	N.D.	N.D.	N.D.	N.D.
Organic tin☆	0.1	N.D.	N.D.	N.D.	N.D.	N.D.
Zinc (Zn)	5.0	N.D.	203	20	N.D.	12
Conclusion P.		PASS	PASS	PASS	PASS	PASS

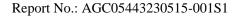
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			Te	st Result (mg/	kg)	
Substance	MDL (mg/kg)	1-38	1-39	1-40	1-41	1-42
Aluminium (Al)	5.0	136	120	156	166	62
Antimony (Sb)	5.0	N.D.	N.D.	N.D.	N.D.	N.D.
Arsenic (As)	0.5	N.D.	N.D.	N.D.	N.D.	N.D.
Barium (Ba)	5.0	N.D.	N.D.	N.D.	N.D.	N.D.
Boron (B)	5.0	N.D.	N.D.	N.D.	N.D.	N.D.
Cadmium (Cd)	0.2	N.D.	N.D.	N.D.	N.D.	N.D.
Chromium(III) (Cr ³⁺)	0.02	N.D.	N.D.	N.D.	N.D.	N.D.
Chromium(VI) (Cr ⁶⁺)	0.02	N.D.	N.D.	N.D.	N.D.	N.D.
Cobalt (Co)	1.0	N.D.	N.D.	N.D.	N.D.	N.D.
Copper (Cu)	5.0	N.D.	N.D.	N.D.	N.D.	N.D.
Lead (Pb)	2.0	N.D.	N.D.	N.D.	N.D.	N.D.
Manganese (Mn)	5.0	N.D.	N.D.	N.D.	N.D.	N.D.
Mercury (Hg)	1.0	N.D.	N.D.	N.D.	N.D.	N.D.
Nickel (Ni)	5.0	N.D.	N.D.	N.D.	N.D.	N.D.
Selenium (Se)	5.0	N.D.	N.D.	N.D.	N.D.	N.D.
Strontium (Sr)	5.0	N.D.	N.D.	N.D.	N.D.	N.D.
Tin (Sn)	5.0	N.D.	N.D.	N.D.	N.D.	N.D.
Organic tin☆	0.1	N.D.	N.D.	N.D.	N.D.	N.D.
Zinc (Zn)	5.0	N.D.	N.D.	N.D.	13	N.D.
Conclusio	on	PASS	PASS	PASS	PASS	PASS





G 1 .			Test Resu	lt (mg/kg)	
Substance	MDL (mg/kg)	1-43	1-44	1-45	1-46
Aluminium (Al)	5.0	133	73	62	56
Antimony (Sb)	5.0	N.D.	N.D.	N.D.	N.D.
Arsenic (As)	0.5	N.D.	N.D.	N.D.	N.D.
Barium (Ba)	5.0	N.D.	N.D.	N.D.	N.D.
Boron (B)	5.0	N.D.	N.D.	N.D.	N.D.
Cadmium (Cd)	0.2	N.D.	N.D.	N.D.	N.D.
Chromium(III) (Cr ³⁺)	0.02	N.D.	N.D.	N.D.	N.D.
Chromium(VI) (Cr ⁶⁺)	0.02	N.D.	N.D.	N.D.	N.D.
Cobalt (Co)	1.0	N.D.	N.D.	N.D.	N.D.
Copper (Cu)	5.0	N.D.	N.D.	N.D.	N.D.
Lead (Pb)	2.0	N.D.	N.D.	N.D.	N.D.
Manganese (Mn)	5.0	N.D.	N.D.	N.D.	N.D.
Mercury (Hg)	1.0	N.D.	N.D.	N.D.	N.D.
Nickel (Ni)	5.0	N.D.	N.D.	N.D.	N.D.
Selenium (Se)	5.0	N.D.	N.D.	N.D.	N.D.
Strontium (Sr)	5.0	N.D.	N.D.	N.D.	N.D.
Tin (Sn)	5.0	N.D.	N.D.	N.D.	N.D.
Organic tin☆	0.1	N.D.	N.D.	N.D.	N.D.
Zinc (Zn)	5.0	60	N.D.	N.D.	N.D.
Conclusion	on	PASS	PASS	PASS	PASS



The table of Migration Elements limit:

		Limit (mg/kg)	
Substance	Category 1	Category 2	Category 3
	Dry, brittle, powder-like or pliable materials	Liquid or sticky materials	Scraped-off materials
Aluminium (Al)	2250	560	28130
Antimony (Sb)	45	11.3	560
Arsenic (As)	3.8	0.9	47
Barium (Ba)	1500	375	18750
Boron (B)	1200	300	15000
Cadmium (Cd)	1.3	0.3	17
Chromium(III) (Cr ³⁺)	37.5	9.4	460
Chromium(VI) (Cr ⁶⁺)	0.02	0.005	0.053
Cobalt (Co)	10.5	2.6	130
Copper (Cu)	622.5	156	7700
Lead (Pb)	2.0	0.5	23
Manganese (Mn)	1200	300	15000
Mercury (Hg)	7.5	1.9	94
Nickel (Ni)	75	18.8	930
Selenium (Se)	37.5	9.4	460
Strontium (Sr)	4500	1125	56000
Tin (Sn)	15000	3750	180000
Organic tin ☆	0.9	0.2	12
Zinc (Zn)	3750	938	46000

Note:

- 1. mg/kg = part per million (ppm).
- 2. N.D. = Not Detected (< MDL).
- 3. MDL = method detection limit.
- 4. If the concentration of soluble chromium is higher than MDL (MDL=0.02mg/kg), the concentration of Chromium VI (Cr(VI)) is further tested by IC-ICP-MS.Calculated concentration of Chromium(III) (Cr³⁺) and Chromium(VI) (Cr⁶⁺) are based on total Chromium.
- 5. "☆" = Organic tin include Methyl tin, Butyltin, Dibutyl tin, Tributyl tin, Tetrabutyl tin, n-Octyl tin, Di-n-octyl tin, Di-n-propyl tin, Diphenyl tin, Triphenyl tin, Dimethyl tin. The migration of organic tin is expressed as tributyltin.



Annex XVII of the REACH Regulation (EC) No 1907/2006, entry 23

-Cadmium(Cd) Content

Test Methods and Equipment: IEC 62321-5:2013; ICP-OES

Test Item(s)	Unit	Limit	MDL	Test Result(s)			
Test Item(s)	Ullit	Lilliit	MIDL	1-2	1-3	1-5	
Cadmium(Cd)	mg/kg	100	10	N.D.	N.D.	N.D.	
Con	clusion		_	Conformity	Conformity	Conformity	

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Test Item(s)	Unit	Limit	MDL	Test Result(s)			
rest item(s)	Omi	Limit	MIDL	1-51	1-52	1-53	
Cadmium(Cd)	mg/kg	100	10	N.D.	N.D.	N.D.	
Cor	clusion			Conformity	Conformity	Conformity	

Test Item(s)	Unit	Limit	MDL	Test Result(s)			
rest item(s)	Unit	Limit	MDL	1-54	1-55	1-56	
Cadmium(Cd)	mg/kg	100	10	N.D.	N.D.	N.D.	
Con	clusion			Conformity	Conformity	Conformity	

Remark:

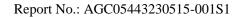
1. As specified by client, the submitted samples were mixed to test, the test points: 1-2,1-3,1-51,1-52,1-53,1-54,1-55,1-56

Annex XVII of the REACH Regulation (EC) No 1907/2006, entry 51&52

- Phthalates Content

Test Methods and Equipment: EN 14372:2004; GC-MS

Toot Itam(s)	Unit	Limit	MDL	Test Result(s)			
Test Item(s)	Ollit	Lillit	MIDL	1-2	1-3	1-5	
Diisobutyl phthalate (DIBP) CAS:84-69-5	%	0.1	0.01	N.D.	N.D.	N.D.	
Dibutyl phthalate (DBP) CAS:84-74-2	%	0.1	0.01	N.D.	N.D.	N.D.	
Butylbenzyl phthalate (BBP) CAS:85-68-7	%	0.1	0.01	N.D.	N.D.	N.D.	
Di-(2-ethylhexyl) Phthalate (DEHP) CAS:117-81-7	%	0.1	0.01	N.D.	N.D.	N.D.	
Di-n-octyl phthalate (DNOP) CAS:117-84-0	%	/	0.01	N.D.	N.D.	N.D.	
Di-isononyl phthalate (DINP) CAS:28553-12-0, 68515-48-0	%	/	0.01	N.D.	N.D.	N.D.	
Di-isodecyl phthalate(DIDP) CAS:26761-40-0, 68515-49-1	%	/	0.01	N.D.	N.D.	N.D.	
Sum of DIBP +DBP+BBP+DEHP	%	0.1	/	N.D.	N.D.	N.D.	
Sum of DNOP+DINP+DIDP	%	0.1	/	N.D.	N.D.	N.D.	
Con	clusion			Conformity	Conformity	Conformity	





Test Item(s)	T I	Limit	MDI	Test Res	ult(s)	
Test Item(s)	Unit	Limit	MDL	1-51	1-52	
Diisobutyl phthalate (DIBP) CAS:84-69-5	%	0.1	0.01	N.D.	N.D.	
Dibutyl phthalate (DBP) CAS:84-74-2	%	0.1	0.01	N.D.	N.D.	
Butylbenzyl phthalate (BBP) CAS:85-68-7	%	0.1	0.01	N.D.	N.D.	
Di-(2-ethylhexyl) Phthalate (DEHP) CAS:117-81-7	%	0.1	0.01	N.D.	N.D.	
Di-n-octyl phthalate (DNOP) CAS:117-84-0	%	/	0.01	N.D.	N.D.	
Di-isononyl phthalate (DINP) CAS:28553-12-0, 68515-48-0	%	/	0.01	N.D.	N.D.	
Di-isodecyl phthalate(DIDP) CAS:26761-40-0, 68515-49-1	%	/	0.01	N.D.	N.D.	
Sum of DIBP +DBP+BBP+DEHP	%	0.1	/	N.D.	N.D.	
Sum of DNOP+DINP+DIDP	%	0.1	/	N.D.	N.D.	
Con	Conclusion					

Tost Itom(s)	Unit Limit		MDL	Test Result(s)		
Test Item(s)	Onit	Lillit	MDL	1-53	1-54	
Diisobutyl phthalate (DIBP) CAS:84-69-5	%	0.1	0.01	N.D.	N.D.	
Dibutyl phthalate (DBP) CAS:84-74-2	%	0.1	0.01	N.D.	N.D.	
Butylbenzyl phthalate (BBP) CAS:85-68-7	%	0.1	0.01	N.D.	N.D.	
Di-(2-ethylhexyl) Phthalate (DEHP) CAS:117-81-7	%	0.1	0.01	N.D.	N.D.	
Di-n-octyl phthalate (DNOP) CAS:117-84-0	%	/	0.01	N.D.	N.D.	
Di-isononyl phthalate (DINP) CAS:28553-12-0, 68515-48-0	%	/	0.01	N.D.	N.D.	
Di-isodecyl phthalate(DIDP) CAS:26761-40-0, 68515-49-1	%	/	0.01	N.D.	N.D.	
Sum of DIBP +DBP+BBP+DEHP	%	0.1	/	N.D.	N.D.	
Sum of DNOP+DINP+DIDP	%	0.1		N.D.	N.D.	
Con	Conformity	Conformity				



Tost Itom(s)	Unit Limit		MDL	Test Result(s)	
Test Item(s)	Unit	Limit	MDL	1-55	1-56
Diisobutyl phthalate (DIBP) CAS:84-69-5	%	0.1	0.01	N.D.	N.D.
Dibutyl phthalate (DBP) CAS:84-74-2	%	0.1	0.01	N.D.	N.D.
Butylbenzyl phthalate (BBP) CAS:85-68-7	%	0.1	0.01	N.D.	N.D.
Di-(2-ethylhexyl) Phthalate (DEHP) CAS:117-81-7	%	0.1	0.01	N.D.	N.D.
Di-n-octyl phthalate (DNOP) CAS:117-84-0	%	/	0.01	N.D.	N.D.
Di-isononyl phthalate (DINP) CAS:28553-12-0, 68515-48-0	%	/	0.01	N.D.	N.D.
Di-isodecyl phthalate(DIDP) CAS:26761-40-0, 68515-49-1	%	/	0.01	N.D.	N.D.
Sum of DIBP +DBP+BBP+DEHP	%	0.1	/	N.D.	N.D.
Sum of DNOP+DINP+DIDP	%	0.1	/	N.D.	N.D.
Con	Conformity	Conformity			

Remark:

1. As specified by client, the submitted samples were mixed to test, the test points: 1-2,1-3,1-51,1-52,1-53,1-54,1-55,1-56

Limit requirements of Phthalates

Toys and childcare articles	Each of DEHP, DBP, BBP, DIBP is less than 0.1% or the sum of DEHP+DBP+BBP+DIBP is less than 0.1%
Toys and childcare articles which can be placed in the mouth by children	The sum of DINP+DIDP+DNOP is less than 0.1%

Annex XVII of the REACH Regulation (EC) No 1907/2006, entry 50

- Polycyclic-aromatic Hydrocarbons (PAHs) Content

Test Methods and Equipment: Afps GS 2019:01 PAK; GC-MS

Test Item(s)	Unit Limit		MDL	Test Result(s)			
Test Item(s)	Omi		MDL	1-2	1-3	1-5	
Benzo[a]pyrene(BaP)	mg/kg	0.5	0.1	N.D.	N.D.	N.D.	
Benzo[e]pyrene(BeP)	mg/kg	0.5	0.1	N.D.	N.D.	N.D.	
Benzo[a]anthracene(BaA)	mg/kg	0.5	0.1	N.D.	N.D.	N.D.	
Benzo[b]fluoranthene(BbF)	mg/kg	0.5	0.1	N.D.	N.D.	N.D.	
Benzo[j]fluoranthene(BjFA)	mg/kg	0.5	0.1	N.D.	N.D.	N.D.	
Benzo[k]fluoranthene(BkF)	mg/kg	0.5	0.1	N.D.	N.D.	N.D.	
Chrysene(CHR)	mg/kg	0.5	0.1	N.D.	N.D.	N.D.	
Dibenzo[a,h]anthracene(DBA)	mg/kg	0.5	0.1	N.D.	N.D.	N.D.	
Con	Conformity	Conformity	Conformity				



Test Itam(s)	Unit	Limit	MDL	Test Result(s)	
Test Item(s)	Ollit	Lillit	MIDL	1-51	1-52
Benzo[a]pyrene(BaP)	mg/kg	0.5	0.1	N.D.	N.D.
Benzo[e]pyrene(BeP)	mg/kg	0.5	0.1	N.D.	N.D.
Benzo[a]anthracene(BaA)	mg/kg	0.5	0.1	N.D.	N.D.
Benzo[b]fluoranthene(BbF)	mg/kg	0.5	0.1	N.D.	N.D.
Benzo[j]fluoranthene(BjFA)	mg/kg	0.5	0.1	N.D.	N.D.
Benzo[k]fluoranthene(BkF)	mg/kg	0.5	0.1	N.D.	N.D.
Chrysene(CHR)	mg/kg	0.5	0.1	N.D.	N.D.
Dibenzo[a,h]anthracene(DBA)	mg/kg	0.5	0.1	N.D.	N.D.
Co	Conformity	Conformity			

Test Item(s)	Unit	Limit	MDL	Test Result(s)	
Test Item(s)	Unit	LIIIII	MDL	1-53	1-54
Benzo[a]pyrene(BaP)	mg/kg	0.5	0.1	N.D.	N.D.
Benzo[e]pyrene(BeP)	mg/kg	0.5	0.1	N.D.	N.D.
Benzo[a]anthracene(BaA)	mg/kg	0.5	0.1	N.D.	N.D.
Benzo[b]fluoranthene(BbF)	mg/kg	0.5	0.1	N.D.	N.D.
Benzo[j]fluoranthene(BjFA)	mg/kg	0.5	0.1	N.D.	N.D.
Benzo[k]fluoranthene(BkF)	mg/kg	0.5	0.1	N.D.	N.D.
Chrysene(CHR)	mg/kg	0.5	0.1	N.D.	N.D.
Dibenzo[a,h]anthracene(DBA)	mg/kg	0.5	0.1	N.D.	N.D.
Co	Conformity	Conformity			

Tost Itam(s)	Unit	Limit	MDL	Test Result(s)	
Test Item(s)	Ollit	Lillit	MIDL	1-55	1-56
Benzo[a]pyrene(BaP)	mg/kg	0.5	0.1	N.D.	N.D.
Benzo[e]pyrene(BeP)	mg/kg	0.5	0.1	N.D.	N.D.
Benzo[a]anthracene(BaA)	mg/kg	0.5	0.1	N.D.	N.D.
Benzo[b]fluoranthene(BbF)	mg/kg	0.5	0.1	N.D.	N.D.
Benzo[j]fluoranthene(BjFA)	mg/kg	0.5	0.1	N.D.	N.D.
Benzo[k]fluoranthene(BkF)	mg/kg	0.5	0.1	N.D.	N.D.
Chrysene(CHR)	mg/kg	0.5	0.1	N.D.	N.D.
Dibenzo[a,h]anthracene(DBA)	mg/kg	0.5	0.1	N.D.	N.D.
Co	Conformity	Conformity			

Remark:

1. As specified by client, the submitted samples were mixed to test, the test points: 1-2,1-3,1-51,1-52,1-53,1-54,1-55,1-56



Benzo[a]anthracene(BaA)

Benzo[b]fluoranthene(BbF)

Benzo[j]fluoranthene(BjFA)

Benzo[k]fluoranthene(BkF)

Dibenzo[a,h]anthracene(DBA)

BjFA+ BkF+ CHR+ DBA

Sum of BaP+ BeP+ BaA+ BbF+

Chrysene(CHR)

Report No.: AGC05443230515-001S1 Limit requirements of Polycyclic-aromatic Hydrocarbons (PAHs) (Unit: mg/kg)

 ≤ 1

≤ 1

≤ 1

< 1

≤ 1

 ≤ 1

 ≤ 0.5

 ≤ 0.5

 ≤ 0.5

 ≤ 0.5

 ≤ 0.5

 ≤ 0.5

/

Items	CAS No.	Extender oils or used for the production of tyres or parts of tyres	Any of their rubber or plastic components that come into direct as well as prolonged or short-term repetitive contact with the human skin or the oral cavity	toys, including activity toys, and childcare articles, any of their rubber or plastic components that come into direct as well as prolonged or short-term repetitive contact with the human skin or the oral cavity
Benzo[a]pyrene(BaP)	50-32-8	≤1	≤ 1	≤ 0.5
Benzo[e]pyrene(BeP)	192-97-2	/	≤ 1	≤ 0.5

/

/

≤ 10

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56-55-3

205-99-2

205-82-3

207-08-9

218-01-9

53-70-3

- Aromatic Amines Azodyes (AZO) Content

Test Methods and Equipment: EN ISO 14362-1:2017; GC-MS

Test Item(s)	I Init	Limit	MDL	Test Result(s)	
Test Item(s)	Unit	Limit	MDL	1-1	1-4
4-Aminobiphenyl CAS:92-67-1	mg/kg	30	5	N.D.	N.D.
Benzidine CAS:92-87-5	mg/kg	30	5	N.D.	N.D.
4-Chloro-o-toluidine CAS:95-69-2	mg/kg	30	5	N.D.	N.D.
2-Naphthylamine CAS:91-59-8	mg/kg	30	5	N.D.	N.D.
o-Aminoazotoluene CAS:97-56-3	mg/kg	30	5	N.D.	N.D.
5-Nitro-o-toluidine CAS:99-55-8	mg/kg	30	5	N.D.	N.D.
p-Chloroaniline CAS:106-47-8	mg/kg	30	5	N.D.	N.D.
4-Methoxy-m-phenylenediamine CAS:615-05-4	mg/kg	30	5	N.D.	N.D.



Test Item(s)	Unit Limit		MDL	Test Result(s)		
	Oilit	Liiiit	MIDL	1-1	1-4	
4,4'-Diaminodiphenylmethane CAS:101-77-9	mg/kg	30	5	N.D.	N.D.	
3,3'-Dichlorobenzidine CAS:91-94-1	mg/kg	30	5	N.D.	N.D.	
3,3'-Dimethoxybenzidine CAS:119-90-4	mg/kg	30	5	N.D.	N.D.	
3,3'-Dimethybenzidine CAS:119-93-7	mg/kg	30	5	N.D.	N.D.	
4,4'-Methylenedi-o-toluidine CAS:838-88-0	mg/kg	30	5	N.D.	N.D.	
p-Cresidine CAS:120-71-8	mg/kg	30	5	N.D.	N.D.	
4,4'-Methylenebis[2-chloroaniline] CAS:101-14-4	mg/kg	30	5	N.D.	N.D.	
4,4'-Oxydianiline CAS:101-80-4	mg/kg	30	5	N.D.	N.D.	
4,4'-Thiodianiline CAS:139-65-1	mg/kg	30	5	N.D.	N.D.	
2-Aminotoluene CAS:95-53-4	mg/kg	30	5	N.D.	N.D.	
2,4-Toluylendiamine CAS:95-80-7	mg/kg	30	5	N.D.	N.D.	
2,4,5-Trimethylaniline CAS:137-17-7	mg/kg	30	5	N.D.	N.D.	
o-Anisidine CAS:90-04-0	mg/kg	30	5	N.D.	N.D.	
4-Aminoazobenzene CAS:60-09-3	mg/kg	30	5	N.D.	N.D.	
Со	nclusion			Conformity	Conformity	

Remark:

1. As specified by client, the submitted samples were mixed to test, the test points: 1-1

Note: 4-aminoazobenzene: The EN ISO 14362-1:2017 or ISO 17234-1:2020 methods will enable further cleavage of 4-aminoazobenzene to aniline and / or 1,4-phenylenediamine. If aniline and / or 1,4-phenylenediamine are detected, 4-aminoazobenzene shall be further determined by EN ISO 14362-3:2017 or ISO 17234-2:2011.

Annex XVII of the REACH Regulation (EC) No 1907/2006, entry 5

- Benzene Content

Test Methods and Equipment: EPA 3550C:2007 & EPA 8260D:2018; GC-FID

Tost Itam(s)	Unit Limit		MDL	Test Result(s)			
Test Item(s) Unit Li		LIIIII	Limit MDL		1-3	1-5	
Benzene	mg/kg	5	5	N.D.	N.D.	N.D.	
Conclusion				Conformity	Conformity	Conformity	



Test Item(s)	Unit Limit	MDL	Test Result(s)		
		Limit	MDL	1-51	1-52
Benzene	mg/kg	5	5	N.D.	N.D.
Con	Conformity	Conformity			

Tost Itom(s)	Unit	Limit	MDL	Test Result(s)	
Test Item(s)	Unit	Lillit	MDL	1-53	1-54
Benzene	mg/kg	5	5	N.D.	N.D.
Con	nclusion			Conformity	Conformity

Tost Itom(s)	Unit	Limit	MDL	Test Result(s)	
Test Item(s)	Unit	Lillit	MDL	1-55	1-56
Benzene	mg/kg	5	5	N.D.	N.D.
Co	nclusion			Conformity	Conformity

Remark:

1. As specified by client, the submitted samples were mixed to test, the test points: 1-2,1-3,1-51,1-52,1-53,1-54,1-55,1-56

- Formaldehyde Release

Test Methods and Equipment: EN 717-3:1996; UV-Vis

Toot Itom(s)	Unit	Client's	MDL	Test Result(s)	
Test Item(s)	Onit	limit	MIDL	1-34	1-47
Formaldehyde Release	mg/kg	80	1	N.D.	27
Co	Conclusion			Conformity	Conformity



Test Method: ISO 105-X12:2016

Rubbing finger: Cylinder

The time of conditioning as well as the atmospheric conditions during testing: 20 °C, 65 %R.H., 4 hrs

The percentage of soak of wet rubbing cloth: 95%~100% The long direction of the specimen: Endwise/ Crossrange

	Test l		
Test point	Colour fastness to	Conclusion	
	Dry rubbing	Wet rubbing	
1-4	4-5	4-5	Conformity
1-49	4-5	4-5	Conformity
1-50	4-5	4-5	Conformity
Limit (Client's Requirement)	≥2-3	≥2-3	/

Note:

Colour Fastness Grade:

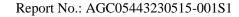
Grade 5 = No Colour Change (Best Grade)

Grade 1 = Colour Change Seriously (Bad Grade)

9 grades in gray sample card: 5, 4-5, 4, 3-4, 3, 2-3, 2, 1-2, 1.

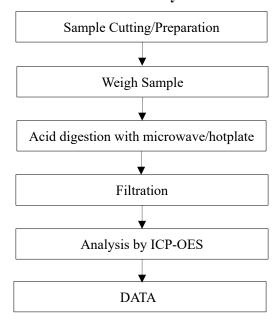
Any report having not been signed by authorized approver, or having been altered without authorization, or having not been stamped by the "Dedicated Testing/Inspection Stamp" is deemed to be invalid. Copying or excerpting portion of, or altering the content of the report is not permitted without the written authorization of AGC. The test results presented in the report apply only to the tested sample. Any objections to report issued by AGC should be submitted to AGC within 15days after the issuance of the test report. Further enquiry of validity or verification of the test report should be addressed to AGC by agc01@agccert.com.

Report No.: AGC05443230515-001S1

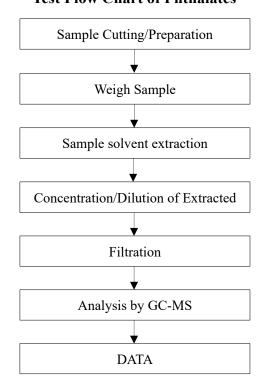


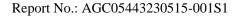


Test Flow Chart of Heavy Metal Content



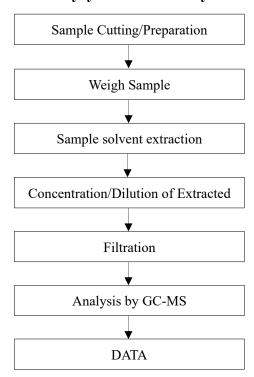
Test Flow Chart of Phthalates

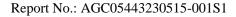






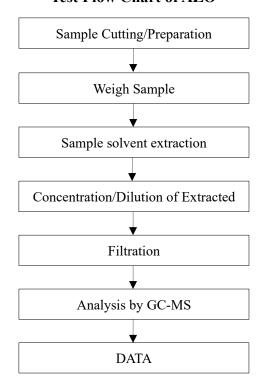
Test Flow Chart of Polycyclic-aromatic Hydrocarbons (PAHs)

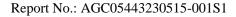






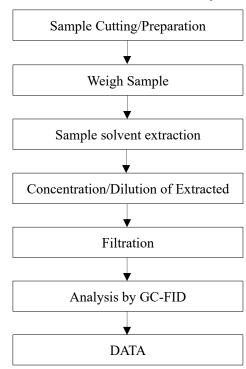
Test Flow Chart of AZO







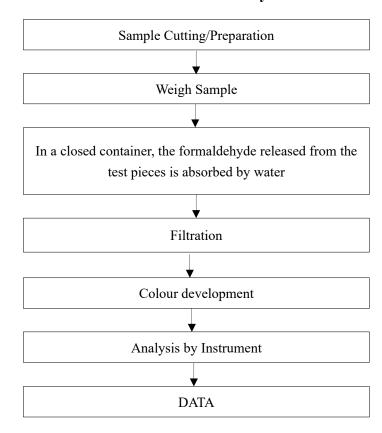
Test Flow Chart of Monoaromatic Hydrocarbons







Test Flow Chart of Formaldehyde Release





Conditions of Issuance of Test Reports

- 1. All samples and goods are accepted by the Attestation of Global Compliance (Shenzhen) Std & Tech Co., Ltd. (the "Company") solely for testing and reporting in accordance with the following terms and conditions. The company provides its services on the basis that such terms and conditions constitute express agreement between the company and any person, firm or company requesting its services (the "Clients").
- 2. Any report issued by Company as a result of this application for testing services (the "Report") shall be issued in confidence to the Clients and the Report will be strictly treated as such by the Company. It may not be reproduced either in its entirety or in part and it may not be used for advertising or other unauthorized purposes without the written consent of the Company. The Clients to whom the Report is issued may, however, show or send it, or a certified copy thereof prepared by the Company to its customer, supplier or other persons directly concerned. The Company will not, without the consent of the Clients, enter into any discussion or correspondence with any third party concerning the contents of the Report, unless required by the relevant governmental authorities, laws or court orders.
- 3. The Company shall not be called or be liable to be called to give evidence or testimony on the Report in a court of law without its prior written consent, unless required by the relevant governmental authorities, laws or court orders.
- 4. In the event of the improper use of the report as determined by the Company, the Company reserves the right to withdraw it, and to adopt any other additional remedies which may be appropriate.
- 5. Samples submitted for testing are accepted on the understanding that the Report issued cannot form the basis of, or be the instrument for, any legal action against the Company.
- 6. The Company will not be liable for or accept responsibility for any loss or damage however arising from the use of information contained in any of its Reports or in any communication whatsoever about its said tests or investigations. 7. Clients wishing to use the Report in court proceedings or arbitration shall inform the Company to that effect prior to submitting the sample for testing.
- 8. The Company is not responsible for recalling the electronic version of the original report when any revision is made to them. The Client assumes the responsibility to providing the revised version to any interested party who uses them.
- 9. Subject to the variable length of retention time for test data and report stored hereinto as otherwise specifically required by individual accreditation authorities, the Company will only keep the supporting test data and information of the test report for a period of six years. The data and information will be disposed of after the aforementioned retention period has elapsed. Under no circumstances shall we provide any data and information which has been disposed of after retention period. Under no circumstances shall we be liable for damage of any kind, including (but not limited to) compensatory damages, lost profits, lost data, or any form of special, incidental, indirect, consequential or punitive damages of any kind, whether based on breach of contract of warranty, tort (including negligence), product liability or otherwise, even if we are informed in advance of the possibility of such damages.

*** End of Report ***