

Test Report

Report No. : AGC11027201002-001

SAMPLE NAME : Walkie talkie

MODEL NAME : T3

APPLICANT : GLOBAL MEI CHUANG CO., LIMITED

STANDARD(S) : Please refer to follow page(s).

**DATE OF
ISSUE** : Oct.15, 2020

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



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Applicant : GLOBAL MEI CHUANG CO., LIMITED
Address : FLAT / RM A, 9 /F, SILVERCORP INTERNATIONAL TOWER,
707-713 NATHAN ROAD, MONGKOK, KL, HONGKONG
Test Site : 6/F., Building 2, Sanwei Chaxi Industrial Park, Sanwei Community,
Hangcheng Street, Bao'an District, Shenzhen, Guangdong, China

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

Sample Name : Walkie talkie
Model : T3
Brand : Alecto
Buyer : HESDO B.V.
Country of origin : China
Country of destination : Netherlands
Manufacturer : Huizhou LFY Technology Co., Ltd.
Address : Loujiao Xiaozu, Chayuan Village Committee, Qiuchang Street Office,
Huiyang, Huizhou, Guangdong
Labeled Age Grading : Not stated
Requested Age Grading : 3+
Age Group Applied in Testing : 3+
Sample receiving state : Normal
Sample Received Date : Oct.12, 2020
Testing Period : Oct.12, 2020 to Oct.15, 2020

Approved by: Reed

Qinlian zhi, Reed

Laboratory Supervisor

Approved by: Jessie Liang

Liangdan, Jessie.Liang

Technical Director

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Test Requested:
Conclusion

(1) European Standard on Safety of Toys:

EN71-1: 2014+A1:2018 – Mechanical and Physical Properties (Except clause 6& clause 7)

Pass

EN71-2:2011+A1:2014 – Flammability of Toys

Pass

EN71-3:2019 –Migration of certain elements

Pass

Test Result(s):
(1)-1:EN71 Part 1: 2014+A1:2018 - Mechanical and Physical Properties

Clause	Description	Result
4	GENERAL REQUIREMENTS	
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
4.15	Toys intended to bear the mass of a child	N/A

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Clause	Description	Result
4.16	Heavy immobile toys	N/A
4.17	Projectiles	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	Pass
4.21	Toys containing a non-electrical heat source	N/A
4.22	Small balls	N/A
4.23	Magnets	N/A
4.24	Yo-yo balls	N/A
4.25	Toys attached to food	N/A
4.26	Toy Disguise Costumes	N/A
4.27	Flying toys	N/A
5	TOYS INTENDED FOR CHILDREN UNDER 36 MONTHS	
5.1	General requirements	N/A
5.2	Filling materials	N/A
5.3	Plastic sheeting	N/A
5.4	Cords, chains and electrical cables in toys	N/A
5.5	Liquid-filled toys	N/A
5.6	Speed limitation of electrically driven 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	#
7	Warnings, markings and instructions for use	#

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Note:

- As per client's requirement, the sample(s) was evaluated for use by children 3+
- N/A=Not Application
- #=As per client's requirement, clause 6 & clause 7 were not assessed

(1)-2:EN71 Part 2:2011+A1:2014 - Flammability of Toys

Clause	Description	Result
4	Requirements	
4.1	General	Pass
4.2	Toys to be worn on the head	N/A
4.2.1	General	N/A
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

Note:

N/A=Not Application

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(1)-3 EN 71-3: 2019- Migration of Certain Elements.
Table 1

Permissible Limit for Different Materials(Unit: mg/kg)

Item	Category III In scraped-off toy material	Category II In liquid or sticky toy material	Category I In dry, brittle, powder-like or pliable toy material
Aluminium (Al) (M)	70000	1406	5625
Antimony (Sb) (M)	560	11.3	45
Arsenic (As) (M)	47	0.9	3.8
Barium (Ba) (M)	18750	375	1500
Boron (B) (M)	15000	300	1200
Cadmium (Cd) (M)	17	0.3	1.3
Chromium III(Cr(III)) (M)	460	9.4	37.5
Chromium VI (Cr(VI)) (M)	0.053	0.005	0.02
Cobalt (Co) (M)	130	2.6	10.5
Copper (Cu) (M)	7700	156	622.5
Lead (Pb) (M)	23	0.5	2.0
Manganese (Mn) (M)	15000	300	1200
Mercury (Hg) (M)	94	1.9	7.5
Nickel (Ni) (M)	930	18.8	75
Selenium (Se) (M)	460	9.4	37.5
Strontium (Sr) (M)	56000	1125	4500
Tin (Sn) (M)	180000	3750	15000
Organic Tin (M)	12	0.2	0.9
Zinc (Zn) (M)	46000	938	3750

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Category III: Scrapped - off toy material
Test method: EN 71-3:2019, Analysis was performed by ICP-OES, GC-MS, LC-ICP-MS.

Unit: mg/kg

Tested Item(s)	Result(s)						MDL	Limit
	1	2	3	4	5	6		
Aluminium (Al) (M)	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	50	See Table 1
Antimony (Sb) (M)	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	2.0	
Arsenic (As) (M)	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	0.5	
Barium (Ba) (M)	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	50	
Boron (B) (M)	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	50	
Cadmium (Cd) (M)	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	0.3	
Chromium III (Cr(III)) (M)	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	0.2	
Chromium VI (Cr(VI)) (M)	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	0.005	
Cobalt (Co) (M)	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	2.5	
Copper (Cu) (M)	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	50	
Lead (Pb) (M)	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	0.25	
Manganese (Mn) (M)	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	50	
Mercury (Hg) (M)	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	1.0	
Nickel (Ni) (M)	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	10	
Selenium (Se) (M)	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	5	
Strontium (Sr) (M)	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	50	
Tin (Sn) (M)	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	50	
Organic Tin* (M)	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	0.15	
Zinc (Zn) (M)	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	50	
Conclusion	Pass	Pass	Pass	Pass	Pass	Pass	/	

Note:

mg/kg = milligram per kilogram M = Migration

MDL = Method detection limit N.D.= Not Detected (lower than method detection limit)

* = Migration of organic tin is expressed as tributyl tin cation content in mg/kg.

Remark:

- As specified by client, only test the designated sample.

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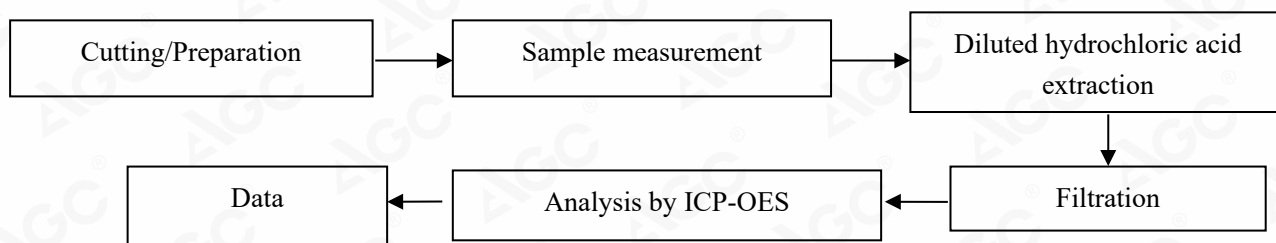


Sample Description:

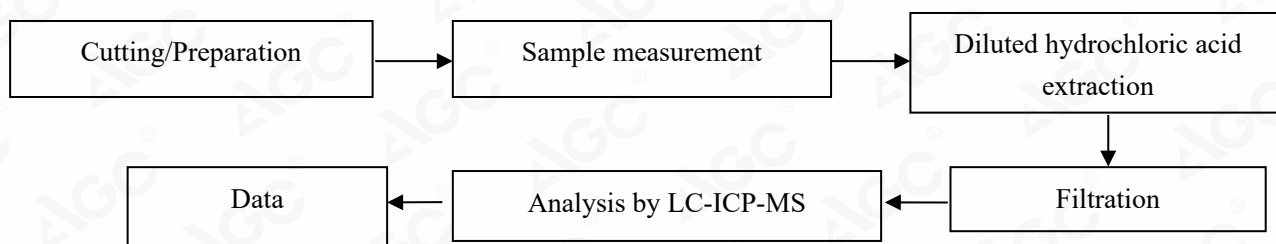
1.	Face shell - red plastic
2.	Shell - black plastic
3.	Button - Black Silicone
4.	Screw - silver metal
5.	Face shell - blue plastic
6.	Shell - camouflage plastic

Test Flow Chart

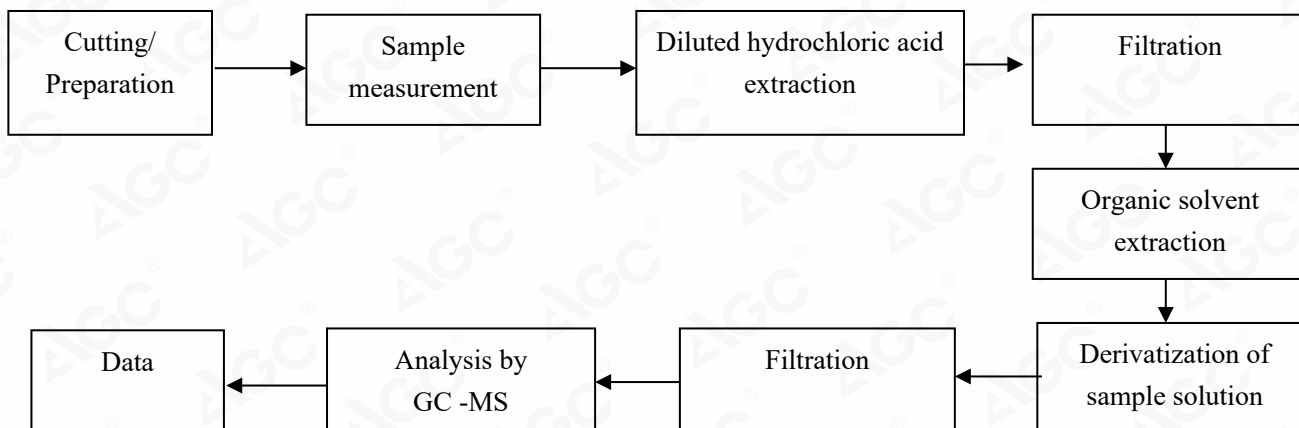
1. Test Flow Chart for Migration of 17 Heavy Metals-Lead, Cadmium, Chromium, Mercury, Antimony, Barium, Arsenic, Selenium, Aluminum, Boron, Cobalt, Copper, Manganese, Nickel, Strontium, Zinc and Tin:



2. Test Flow Chart for Migration of Chromium(III) and Chromium(VI):



3. Test Flow Chart for Migration of Organic Tin Compounds:



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The photo of the sample



AGC11027201002-001

AGC authenticate the photo only on original report

*** End of Report ***

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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. The non-CMA report issued by AGC is only permitted to be used by the client as internal reference use and shall not be used for public demonstration purpose.
5. 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.
6. 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.
7. 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.
8. 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.
9. 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.
10. 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.

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