



### Test Report

**Applicant:** GUANGZHOU ZHANFENG SMART CARD TECHNOLOGY CO., LTD.

**Address:** 5/F, Building A5, NO.11, Kaiyuan Road, Science City, High-tech Industrial Development Zone, Guangzhou.

The following samples were submitted and identified on behalf of the clients as

Sample Name: RFID Animal Tag

Manufacturer: GUANGZHOU ZHANFENG SMART CARD TECHNOLOGY CO., LTD.

Manufacturer address: 5/F, Building A5, NO.11, Kaiyuan Road, Science City, High-tech Industrial Development Zone, Guangzhou.

Model(s): ZF RFID Animal Tag

Age labelled: 3 years+

Test age grade: 36 months and up

Sample Received Date: Apr. 13, 2026

Test Period: Apr. 14, 2026 to Apr. 17, 2026

Test Method: Please refer to next page(s).

Test Result: Please refer to next page(s).

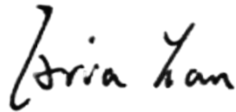
\*\*\*\*\*

**CONCLUSION :**

According to client's request to conduct below tests in the selected parts of the submitted sample:

<u>TESTED SAMPLES</u>	<u>TEST ITEM</u>	<u>RESULT</u>
Submitted sample	1. Mechanical and Physical Properties-EN 71-1: 2014+A1: 2018 safety of toys	<b>PASS</b>
	2. Flammability-EN 71-2: 2020 safety of toys	<b>PASS</b>
	3. Migration of certain elements- EN 71-3: 2019+A2: 2024 safety of toys	<b>PASS</b>

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**Checked by**  
  
 Aria Yan / Engineer  
 Apr. 17, 2026

**Reviewed by**  
  
 Henry Tian / Manager  
 Apr. 17, 2026

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**Other information**

**Copy of marking plate:** For model K08.

**Prdoct:** RFID Animal Tag

**Age:** 3 Years Old +

**Model:** ZF RFID Animal Tag

**Production Date:** XXXX/YYYY

**Manufacture:** GGUANGZHOU ZHANFENG SMART CARD  
TECHNOLOGY CO., LTD.

**Adress:** 5/F, Building A5, NO.11, Kaiyuan Road, Science  
City, High-tech Industrial Development Zone, Guangzhou.

Made in China



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**TEST PART(S):**

Description of Specimen : P1 Black plastic  
P2 Yellow plastic

**TEST RESULT(S) :**

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

Section	Test Item	Result(s)
		P1, P2
4.1	Material cleanliness	Pass
4.2	Assembly	NA
4.3	Flexible plastic sheeting	NA
4.4	Toy bags	NA
4.5	Glass	N/A
4.6	Expanding materials	NA
4.7	Edges	N/A
4.8	Points and metallic wires	N/A
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
4.13	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	Projectiles	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	N/A
4.21	Toys containing a non-electrical heat source	NA
4.22	Small balls	NA
4.23	Magnet	NA
4.24	Yo-yo balls	NA
4.25	Toys attached to food	NA

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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	N/A
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
5.10	Small balls	NA
5.11	Play figures	NA
5.12	Hemispheric-shape toys	NA
5.13	Suction cups	NA
5.14	Straps intended to be worn fully or partially around the neck	NA
6	Packaging	NA
7	Warnings ,markings and instructions for use	
7.1	General	Pass
7.2	Toys not intended for children under 36 months	Pass
7.3	Latex balloons	NA
7.4	Aquatic toys	NA
7.5	Functional toys	N/A
7.6	Hazardous sharp functional edges and points	NA
7.7	Projectiles	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 intended to be attached to or 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	N/A
7.15	Toy bicycles	NA

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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

Note: 1. NA = Not Applicable

**2.Flammability-EN 71-2: 2020 safety of toys**

Section	Test Item	Assessment
		P1, P2
4.1	General requirements	Pass
4.2	Toys to be worn on the head	NA
4.3	Toys disguise costumes and toys intended to worn by a child in play	NA
4.4	Toys intended to be entered by a child	NA
4.5	Soft filler toys(animal and dolls etc.) With a piled or textile surface	NA

Note: 1. NA = Not Applicable

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### **3.MIGRATION OF CERTAIN ELEMENTS- EN 71-3: 2019+A2: 2024 SAFETY OF TOYS**

Method Used: Ref. EN71-3:2019, analyzed by Inductively Coupled Plasma Atomic Emission Spectrometry mass spectrometer, Gas Chromatography with Mass Selective Detector.

Test parameter(s)	Result (mg/kg)
	P1, P2
Lead (Pb)	ND
Cadmium (Cd)	ND
Chromium(III)	ND
Barium (Ba)	ND
Antimony (Sb)	ND
Arsenic (As)	ND
Mercury (Hg)	ND
Selenium (Se)	ND
Aluminum (Al)	10
Boron (B)	ND
Cobalt (Co)	ND
Copper (Cu)	ND
Manganese (Mn)	ND
Nickel (Ni)	ND
Strontium (Sr)	ND
Tin (Sn)	ND
Zinc (Zn)	10
Chromium(VI)	ND
Organic tin	ND
Category	III
Conclusion	Pass

Note (S) : - ND = Not Detected;

mg/kg = milligram(s) per kilogram = ppm = part(s) per million

- Method Detection Limit:

Category I: Lead (Pb):2mg/kg、Cadmium (Cd):1mg/kg、Arsenic (As):2 mg/kg、Chromium(VI):0.020 mg/kg、Organic tin:0.5 mg/kg、Other : 5 mg/kg

Category II: Lead (Pb):0.5mg/kg、Cadmium (Cd):0.2mg/kg、Chromium(III):2mg/kg、Antimony (Sb):2 mg/kg、Arsenic (As):0.5mg/kg、Mercury (Hg):1mg/kg、Cobalt (Co) : 2 mg/kg、Other : 5mg/kg、Chromium(VI): 0.005 mg/kg、Organic tin:0.2 mg/kg、Category III: Chromium(VI): 0.050 mg/kg、Organic tin:2.5 mg/kg、Other : 5 mg/kg

- Limit requirements see Appendix A

-Unless the test results were marked with"\*", Chromium(III) & Chromium(VI) and Organic tin contents were not directly determined and were derived from migration results of total chromium and tin respectively.

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### PPENDIX A

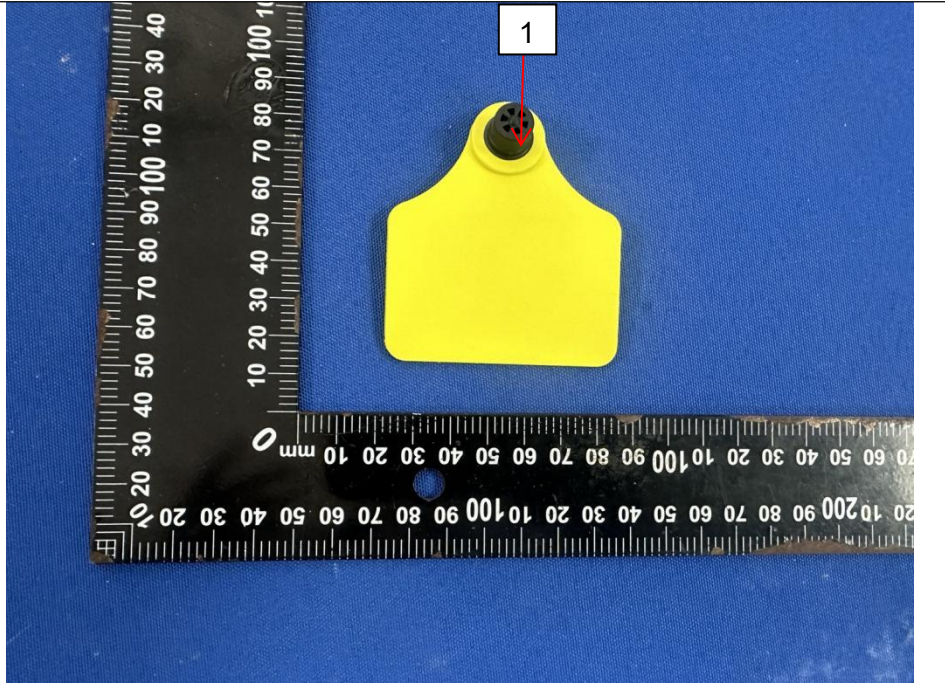
Parameter(s)	Migration limit		
	Category I	Category II	Category III
Lead (Pb)	2.0	0.5	23
Cadmium (Cd)	1.3	0.3	17
Chromium(III)	37.5	9.4	460
Barium (Ba)	1500	375	18750
Antimony (Sb)	45	11.3	560
Arsenic (As)	3.8	0.9	47
Mercury (Hg)	7.5	1.9	94
Selenium (Se)	37.5	9.4	460
Aluminum (Al)	5625/2250 <sup>a</sup>	1406/560 <sup>a</sup>	70000/28130 <sup>a</sup>
Boron (B)	1200	300	15000
Cobalt (Co)	10.5	2.6	130
Copper (Cu)	622.5	156	7700
Manganese (Mn)	1200	300	15000
Nickel (Ni)	75	18.8	930
Strontium (Sr)	4500	1125	56000
Tin (Sn)	15000	3750	180000
Zinc (Zn)	3750	938	46000
Chromium(VI)	0.02	0.005	0.053
Organic tin	0.9	0.2	12
List of organic tin compounds			
Methyltin trichloride	Dipropyltin dichloride	Butyltin trichloride	Dibutyltin dichloride
Tributyltin chloride	Monooctyltin trichloride	Tetrabutyltin	Diphenyltin dichloride
Diocetyl tin dichloride	Triphenyltin chloride	Dimethyltin dichloride	-
Note(s):	<p>-Category I: Compressed paint tablets, materials intended to leave a trace or similar materials in solid form ;pliable modeling materials, including modeling clays and plaster</p> <p>-Category II: Liquid paints; glue sticks</p> <p>-Category III: Coatings and similar coatings; polymeric and similar materials; paper and paper</p> <p>- "a" The EU issued a new directive (EU) 2019 / 1922 amending the limits on Aluminium in Annex II of the toy directive (2009 / 48 / EC). The revised directive will come into force on the 20th day after its official publication, and the revised content will be implemented on May 19, 2021.</p>		

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**Photo documentation**

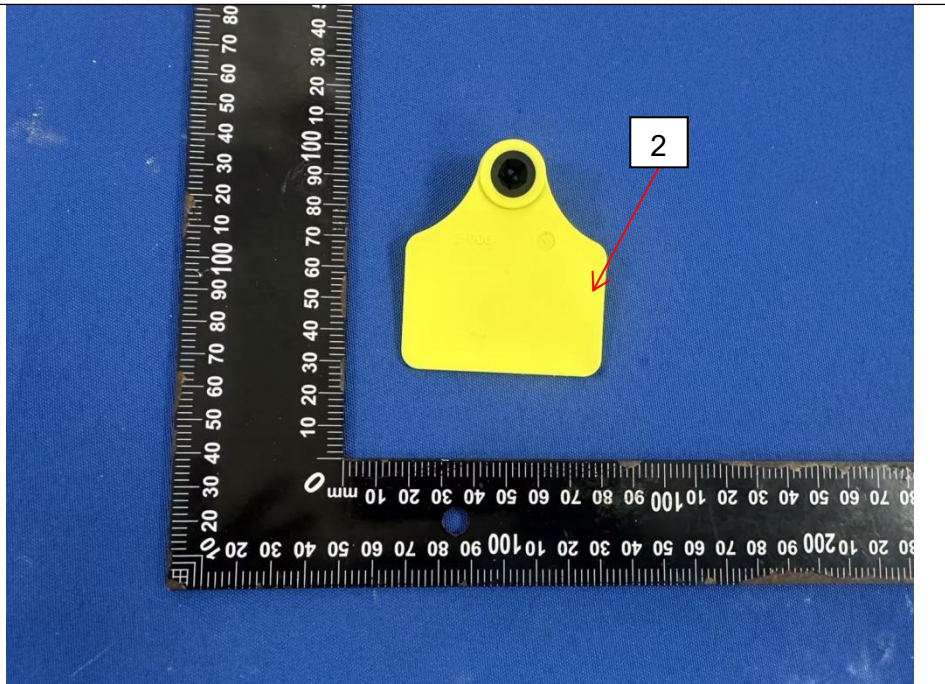
**Photo 1**

- front
- rear
- right side
- left side
- top
- bottom
- internal



**Photo 2**

- front
- rear
- right side
- left side
- top
- bottom
- internal



----- End of Report -----

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