



## Jewelry tests



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# HONGCAI TESTING



## About HCT

Shenzhen Hongcai Testing Technology Co.,LTD (Referred to as HCT), one of the renowned professional third party testing labs, is accredited by China National Accreditation Service for conformity Assessment(CNAS) and China Metrology Accreditation(CMA). HCT is managed under the ISO/IEC17025:2005 regulations and has the capability to issue world-wide recognized reports.

### Our vision:

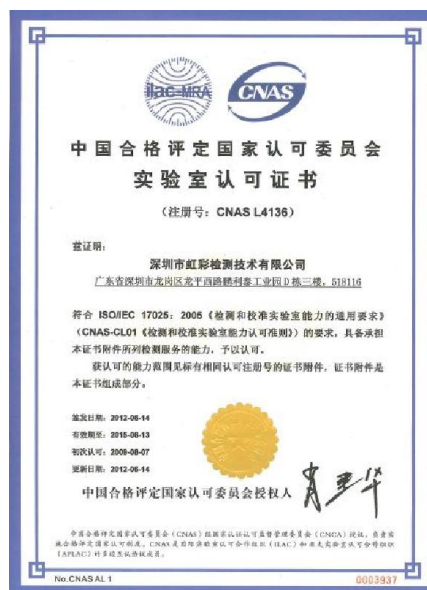
To become a leader in China testing industry

### Our mission:

Create a public service platform for testing industrial products for Longgang;  
To establish a just, scientific, precise, high-efficiency testing labs for Shenzhen;  
Dedicate our whole lives to China testing careers.

### Our core value:

Just, scientific, precise, high-efficiency





With the change in consumption and aesthetic attitudes, women become prefer low prices and beautifully designed imitation jewelry. China imitation jewelry manufacturing occupied a certain position in the international arena, and the products export to the United States, Japan and more than 170 countries and regions. Countries around the world have strict limits on toxic and hazardous substances in the imitation jewelry products, in particular, imitation jewelry for children, such as Europe, the United States, Canada, Japan, China set up a variety of regulations and standards. Chinese jewelry enterprises need to understand the law of imitation jewelry, and enhance product management and continuously improve product quality, to ensure the smooth export and domestic sales.

## Jewelry chemical test items

Test items	Test method	Laws & Regulations
Lead	US EPA 3052, US EPA 3050B	CPSIA
	CPSC-CH-E1001	ASTM F2923
	CPSC-CH-E1002	CA Prop 65
	CPSC-CH-E1003	SOR/2005-19
	Canada method C-08	REACH Annex XVII
Cadmium	US EPA 3052	ASTM F2923, CA Prop 65
	US EPA 3050B	REACH Annex XVII
Nickel release	EN 1811, EN 12472	ASTM F2923
	EN 16128	REACH XVII
Nickel release qualitative	PD CR EN 12471	REACH XVII





Phthlates	<p>CPSC-CH-C1001</p> <p>US EPA 3540C</p> <p>US EPA 8061A</p> <p>US EPA 8270D</p> <p>ASTM D3421-75</p> <p>EN 14372</p>	<p>CPSIA</p> <p>CA Prop 65</p> <p>REACH Annex XVII</p> <p>REACH SVHC</p> <p>GB 24613</p> <p>ST 2002</p>
Soluble heavy metal	<p>ASTM F963-11</p> <p>EN 71-3</p> <p>AS NZ ISO 8124-3</p> <p>ST 2012</p> <p>GB 6675-2014</p> <p>GB 21027-2007</p>	<p>ASTM F2923</p> <p>EN 71-3</p> <p>AS NZS ISO 8124-3</p> <p>ST2012</p> <p>GB 6675-2014</p> <p>GB 21027-2007</p>
Extractable Cd	<p>CPSC-CH-E1004-11</p>	<p>ASTM F2923-11</p> <p>ASTM F963-11</p>
AZO	<p>(CEN)ISO/TS 17234</p> <p>ISO 17234</p> <p>GB/T 19942</p>	<p>Oeko-Tex standard 100</p> <p>REACH Annex XVII</p> <p>AAFA RSL</p> <p>GB/T18885</p>
Formaldehyde	<p>ASTM D5582</p>	<p>CARB</p>
SVHC		<p>REACH</p>



## Jewelry physical test items

Test items		Test method	Laws & Regulations
Sulfide decoloration		QJ 484	/
Salt spray test		ISO 9227 EN 60068-2-11 EN 60512-11-6 GB/T 2423.17 QB/T 3826, QB/T 3827 QB/T 3828, GB/T 1771 ASTM B368, ASTM B117	/
Label required		ASTM F2923-11	/
		ASTM F963	/
Mechanical & physical properties	Sharp points	EN 71-1	ASTM F2923
		ASTM F963	
		16 CFR 1500.48	16 CFR 1500.48
		16 CFR 1500.49	16 CFR 1500.49
		16 CFR 1500.50	16 CFR 1500.50
		16 CFR 1500.51	16 CFR 1500.51
		16 CFR 1500.52	16 CFR 1500.52

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Mechanical & physical properties	Small part	16 CFR 1500.53	16 CFR 1500.53
	Magnet hazardous	16 CFR 1501	16 CFR 1501
	Abuse test	AS NZS ISO 8124-1	AS NZS ISO 8124-1
	Colour fastness	SOR/2011-17	SOR/2011-17
	Tensile strength	GB 6675	GB 6675
Flammability		EN 71-2	EN 71-2
		ASTM F963-2011	ASTM F963-2011
		AS NZS ISO 8124-2	AS NZS ISO 8124-2
		16 CFR 1500.44	16 CFR 1500.44
		16 CFR 1610	16 CFR 1610
		SOR/2011-17	SOR/2011-17
		GB 6675	GB 6675

