Test Report

Report No.: DGC251201034BE03

Applicant : Shenzhen INNO Technology Co., LTD

Address : F9, Building 20, Xiangnan District 4, Zhangkeng Community, Minzhi Street, Longhua District, Shenzhen,Guangdong,China

The following sample(s) was/were submitted and identified on behalf of the client as:

Product Name : U20CAM-720P

Manufacturer : Shenzhen INNO Technology Co., LTD

Address : F9, Building 20, Xiangnan District 4, Zhangkeng Community, Minzhi Street, Longhua District, Shenzhen,Guangdong,China

Date of Sample Received : Dec. 01, 2025

Test period : Dec. 01, 2025 - Dec. 04, 2025

Test requested

In accordance with RoHS Directive 2011/65/EU and amendment 2015/863/EU, to determine Cadmium (Cd), Lead (Pb), Mercury (Hg), Chromium (Cr (VI)), PBBs, PBDEs, Di (ethyl hexyl)-phthalate (DEHP), Dibutyl phthalate (DBP), Butylbenzyl phthalate (BBP), Diisobuty phthalate (DIBP) content on submitted samples.

Conclusion

Pass

Test method : Please refer to next page.

Test result : Please refer to next page.

Approved by: Richard Ke

Richard Ke
(Signed for and on behalf)

Date: Dec. 04, 2025

NTEK Testing Technology Co., Ltd. Dongguan * NTEK Report Seal

Test method:

1. For the Cadmium (Cd), Lead (Pb),Mercury (Hg), Chromium (Cr (VI)), PBBs, PBDEs:

With reference to IEC 62321 Procedures for the Determination of Levels of Regulated Substances in Electrotechnical Products, XRF scanning first test, then using chemical test method to confirm.

Testing Item		Test Method	Measuring Instrument	MDL
Screening test		IEC 62323-1: 2013 scanning	XRF	--
Wet Chemical test	Lead (Pb)	IEC 62325: 2013	ICP-OES	2mg/kg
	Cadmium (Cd)	IEC 62325: 2013	ICP-OES	2mg/kg
	Mercury (Hg)	IEC 62324: 2013+AMD1:2017	ICP-OES	2mg/kg
	Chromium (Cr (VI))▼	IEC 62327-2:2017	UV-Vis	8mg/kg
		IEC 62327-1: 2015		0.10μg/cm^2
	PBBs, PBDEs	IEC 62326: 2015	GC-MS	5 mg/kg

2. For the DEHP, DBP, BBP and DIBP:

Testing Item	Pretreatment Method	Measuring Instrument	MDL
Di (ethyl hexyl)-phthalate (DEHP)	IEC 62328: 2017	GC-MS	30mg/kg
Butylbenzyl phthalate (BBP)			30mg/kg
Dibutyl phthalate (DBP)			30mg/kg
Diisobuty phthalate (DIBP)			30mg/kg

1. Description of the test subject:

Sample No.	Location	Sample Description
2-1	U20CAM-720P	Black plastic seat
2-2	U20CAM-720P	Glass chip
2-3	U20CAM-720P	Black PCB board
2-4	U20CAM-720P	Silver solder
2-5	U20CAM-720P	Beige plastic terminal block
2-6	U20CAM-720P	Silver metal pin
2-7	U20CAM-720P	Black patch component
2-8	U20CAM-720P	Chip IC
2-9	U20CAM-720P	SMD diode
2-10	U20CAM-720P	Chip IC
2-11	U20CAM-720P	Chip IC
2-12	U20CAM-720P	SMD transistor
2-13	U20CAM-720P	Chip Resistor
2-14	U20CAM-720P	Chip Capacitor
2-15	U20CAM-720P	Black metal screw

2. Test results (Unit: mg/kg):

No.	Test Method	Heavy Metals and Flame Retardants					Phthalates				Conclusion
		Cd	Pb	Hg	Cr (Cr (Ⅵ))	Br (PBBs, PBDEs)	DEHP	BBP	DBP	DIBP	
2-1	Screening	BL	BL	BL	BL	BL	BL	BL	BL	BL	Pass
2-2	Screening	BL	BL	BL	BL	BL	N.A.	N.A.	N.A.	N.A.	Pass
2-3	Screening	BL	BL	BL	BL	IN	BL	BL	BL	BL	Pass
	Wet Chem.	---	---	---	---	N.D.	---	---	---	---	
2-4	Screening	BL	BL	BL	BL	N.A.	N.A.	N.A.	N.A.	N.A.	Pass
2-5	Screening	BL	BL	BL	BL	IN	BL	BL	BL	BL	Pass
	Wet Chem.	---	---	---	---	N.D.	---	---	---	---	
2-6	Screening	BL	BL	BL	BL	N.A.	N.A.	N.A.	N.A.	N.A.	Pass
2-7	Screening	BL	BL	BL	BL	BL	N.A.	N.A.	N.A.	N.A.	Pass
2-8	Screening	BL	BL	BL	BL	BL	N.A.	N.A.	N.A.	N.A.	Pass
2-9	Screening	BL	BL	BL	BL	BL	N.A.	N.A.	N.A.	N.A.	Pass
2-10	Screening	BL	BL	BL	BL	BL	N.A.	N.A.	N.A.	N.A.	Pass
2-11	Screening	BL	BL	BL	BL	BL	N.A.	N.A.	N.A.	N.A.	Pass
2-12	Screening	BL	BL	BL	BL	BL	N.A.	N.A.	N.A.	N.A.	Pass
2-13	Screening	BL	BL	BL	BL	BL	N.A.	N.A.	N.A.	N.A.	Pass
2-14	Screening	BL	BL	BL	BL	BL	N.A.	N.A.	N.A.	N.A.	Pass
2-15	Screening	BL	BL	BL	BL	N.A.	N.A.	N.A.	N.A.	N.A.	Pass

Note:

(1) (a) It is the result on total Br while test PBBs, PBDEs by XRF, It is the result on total Cr while test Cr (VI)l by XRF.

(b) Results are obtained by XRF for primary screening and further chemical testing by ICP-OES (for Pb, Cd and Hg), UV-Vis (for Cr (VI)) and GC-MS (for PBBs, PBDEs) is recommended to be performed, if the concentration exceeds the below warning value according to IEC 62323-1:2013 (unit: mg/kg).

Element	Polymer	Metal	Composite Materials
Cadmium (Cd)	BL≤70<X<130≤OL	BL≤70<X<130≤OL	LOD<X<150≤OL
Lead (Pb)	BL≤700<X<1300≤OL	BL≤700<X<1300≤OL	BL≤500<X<1500≤OL
Mercury (Hg)	BL≤700<X<1300≤OL	BL≤700<X<1300≤OL	BL≤500<X<1500≤OL
Chromium (Cr)	BL≤700<X	BL≤700<X	BL≤500<X
Bromine (Br)	BL≤300<X	--	BL≤250<X

(c) The XRF screening test for RoHS elements –The reading may be different to the actual content in the sample be of non-uniformity composition.

(d) The Screening results of Phthalates are for primary screening, and further chemical testing by GC-MS are recommended to be performed if the concentration exceeds the warning value. Where n= number of mixed tests.

Compound	Polymer
DBP	BL ≤ 1000/n< X
BBP	BL ≤ 1000/n< X
DEHP	BL ≤ 1000/n< X
DIBP	BL ≤ 1000/n< X

(e) OL=Over Limit, BL=Below Limit, IN=Inconclusive, LOD= Limit of Detection;

(2) mg/kg=ppm=0.0001%, N.D.=Not detected(<MDL), MDL=Method Detection Limit, "---"=Not conducted, "--"=Not regulated, "N.A."=Not applicable.

(3)"▼" =Metal sample

a. The sample is positive for Cr (VI) if the Cr (VI) concentration is greater than 0.13 μg/cm². The sample coating is considered to contain Cr (VI) ;

b. The sample is negative for Cr (VI) if Cr (VI) concentration is less than 0.10 μg/cm². The coating is considered a non-Cr (VI) based coating ;

c. The result between 0.10 μg/cm² and 0.13 μg/cm² is considered to be inconclusive - unavoidable coating variations may influence the determination ;

Information on storage conditions and production date of the tested sample is unavailable and thus Cr (VI) results represent status of the sample at the time of testing.

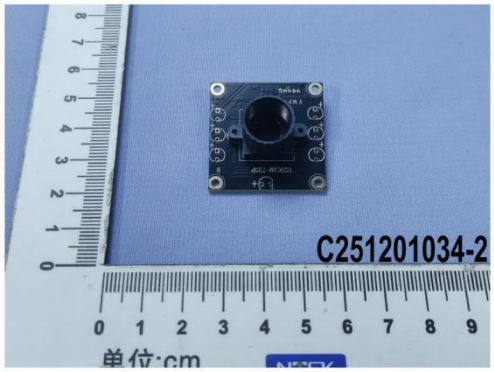
(4) RoHS Requirement

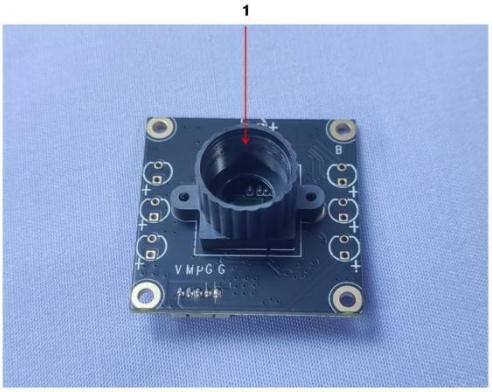
Restricted substances	Limits
Lead (Pb)	0.1% (1000 ppm)
Cadmium (Cd)	0.01% (100 ppm)
Chromium(VI) (Cr (VI))	0.1% (1000 ppm)
Mercury (Hg)	0.1% (1000 ppm)
Polybrominated biphenyls (PBBs)	0.1% (1000 ppm)
Polybrominated diphenyl ethers (PBDEs)	0.1% (1000 ppm)
Di (ethyl hexyl)-phthalate (DEHP)	0.1% (1000 ppm)
Butylbenzyl phthalate (BBP)	0.1% (1000 ppm)
Dibutyl phthalate (DBP)	0.1% (1000 ppm)
Diisobuty phthalate (DIBP)	0.1% (1000 ppm)

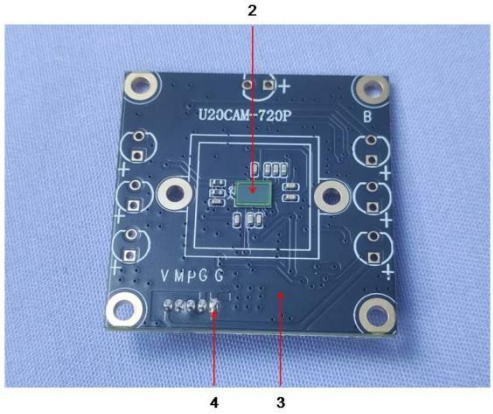
The above limits are reference with RoHS Directive 2011/65/EU and amendment 2015/863/EU.

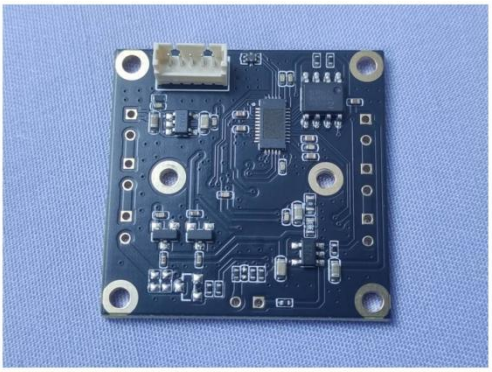
(5) Unless otherwise specified, refer to ILAC-G8:09/2019 and use the binary decision rule of simple acceptance (W=0) for conformity assessment.

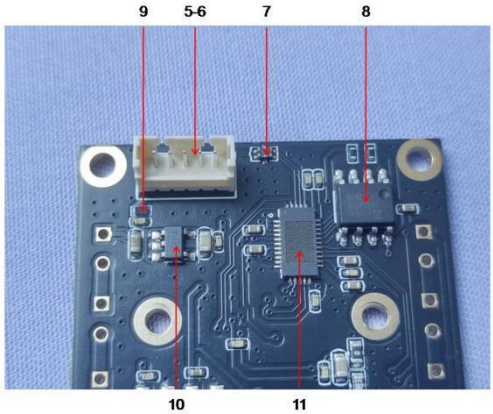
Photographs of Sample:

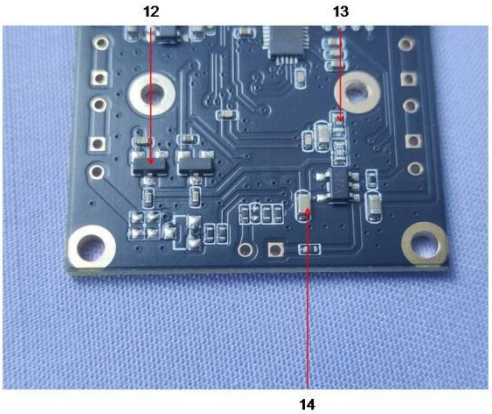


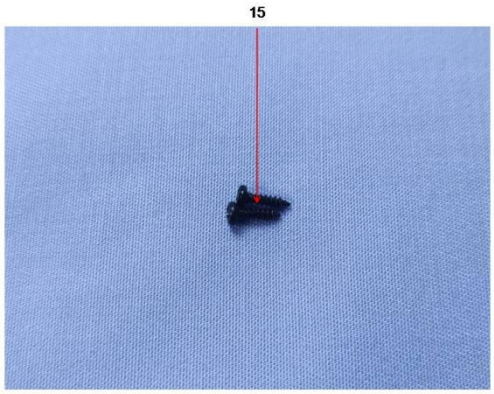








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报告完 End of Report