TEST REPORT

Applicant's name: NEO Smart Technology (GuangDong) Co.， LTD

Address: Floor 7, 8, 9, 10, Building 28, No. 29, Licheng Industrial Avenue, Shuikou Street, Huicheng District, Huizhou City

Manufacturer: NEO Smart Technology (GuangDong) Co.， LTD

Address: Floor 7, 8, 9, 10, Building 28, No. 29, Licheng Industrial Avenue, Shuikou Street, Huicheng District, Huizhou City

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

Test item description: Smart Sprinkler

Trademark(s): /

Model/Type reference: NAS-WV05W, NAS-WV03W, NAS-WV09W

Batch No.: /

Sample received date: Nov. 20, 2025

Testing period: Nov. 20, 2025 to Nov. 27, 2025

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

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

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Result Summary :

Test Requested	Conclusion
European Directive 2011/65/EU and amendment (EU) 2015/863 on the restriction of the use of certain hazardous substances in electrical and electronic equipment	PASS

Tested By:	Check By:	Approve By:
Sophia Wang	Mason Shi	

Date: Dec. 04, 2025

Shenzhen CTB Testing Technology Co., Ltd.
Add: 1&2/F., Building A, No.26, Xinhe Road, Xinqiao, Xinqiao Street, Bao'an District,Shenzhen, Guangdong, China.
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Test Method:

A. Screening test by XRF spectroscopy

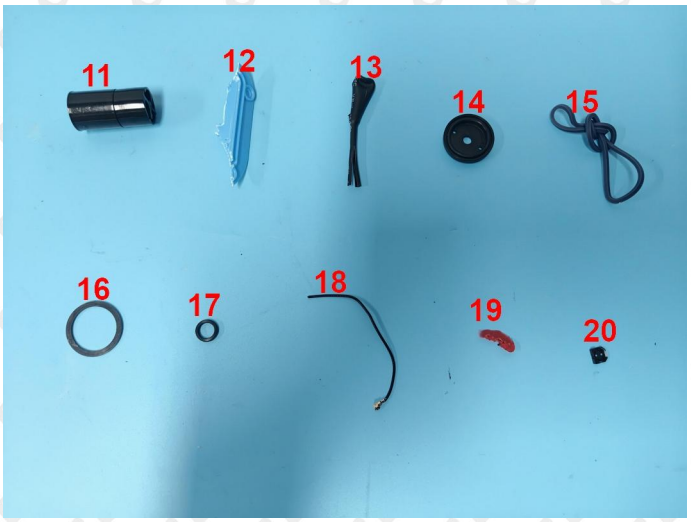
XRF screening limits for regulated elements according to IEC 62321-3-1:2013

Element	Screening limit / mg/kg		MDL	
	Polymers and metals	Composite material	Polymers	Other material
Pb	BL≤(700-3σ) <X <(1300+3σ) ≤OL	BL≤(500-3σ)<X <(1500+3σ) ≤OL	10mg/kg	50mg/kg
Cd	BL≤(70-3σ)<X <(130+3σ) ≤OL	BL≤(50-3σ)<X <(150+3σ) ≤OL	10mg/kg	50mg/kg
Hg	BL≤(700-3σ)<X <(1300+3σ) ≤OL	BL≤(500-3σ)<X <(1500+3σ) ≤OL	10mg/kg	50mg/kg
Cr	BL≤(700-3σ)< X	BL≤(500-3σ)< X	10mg/kg	50mg/kg
Br	BL≤(300-3σ)< X (non-metal only)	BL≤(250-3σ)< X	10mg/kg	50mg/kg

B. Chemical Test

Test Item(s)	Test Method	Analysis Equipment(s)	MDL	Limit
Lead (Pb)	IEC 62321-5:2013	ICP-OES	2 mg/kg	1000mg/kg
Cadmium (Cd)	IEC 62321-5:2013	ICP-OES	2 mg/kg	100mg/kg
Mercury (Hg)	IEC 62321-4:2013+AMD1:2017	ICP-OES	2 mg/kg	1000mg/kg
Hexavalent Chromium Cr(VI)	IEC 62321-7-1:2015	UV-VIS	- -	1000mg/kg
	IEC 62321-7-2:2017		10mg/kg	1000mg/kg
Polybrominated Biphenyls (PBBs)	IEC 62321-6:2015	GC-MS	10mg/kg	1000mg/kg
Polybrominated Diphenyl Ethers (PBDEs)	IEC 62321-6:2015	GC-MS	10mg/kg	1000mg/kg
Phthalate	IEC 62321-8:2017	GC-MS	30mg/kg	1000mg/kg

Tested material list

No.	Description	Photo(s) of tested material
1	Black plastic	
2	Blue rubber	
3	Black plastic	
4	White plastic	
5	Black plastic	
6	Black plastic	
7	Black rubber	
8	Black rubber	
9	White plastic	
10	Black plastic	
11	Black plastic	
12	Blue plastic	
13	Black plastic	
14	Black rubber	
15	Blue rubber	
16	Black rubber	
17	Black rubber	
18	Black plastic cable sheath	
19	Red soft plastic	
20	Black plastic	

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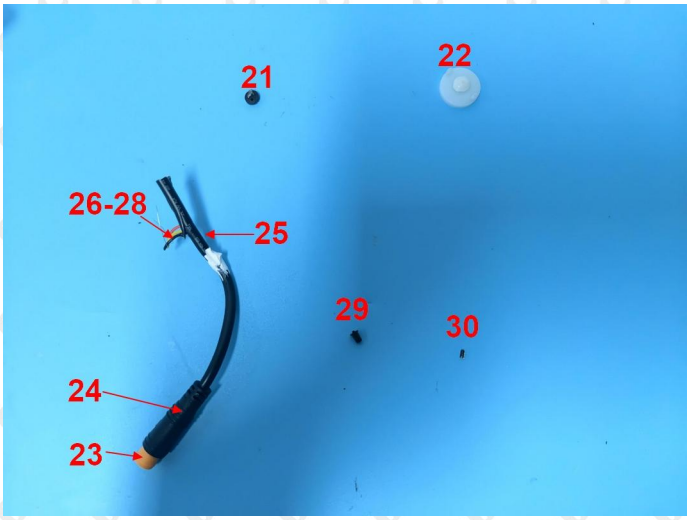
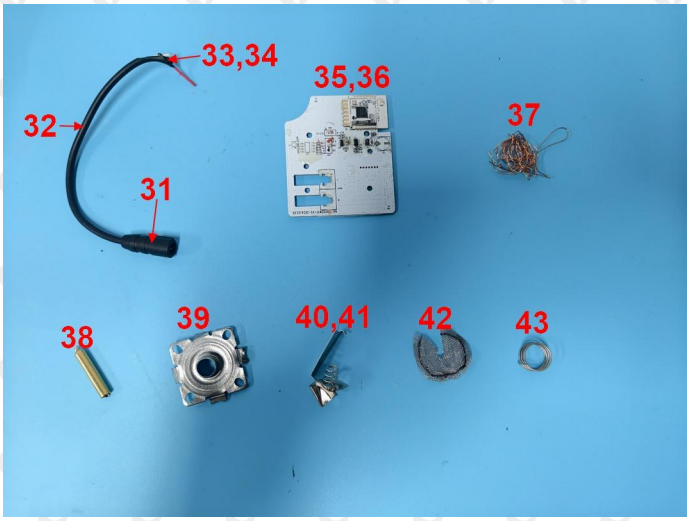
21	Black plastic
22	White plastic
23	Orange plastic
24	Black plastic handle
25	Black plastic outer wire skin
26	Black plastic inner wire skin
27	Red plastic inner wire skin
28	Yellow plastic inner wire skin
29	Black plastic
30	Black plastic



31	Black plastic
32	Black plastic outer wire skin
33	Red plastic inner wire skin
34	White plastic inner wire skin
35	White PCB
36	Solder point
37	Copper metal wire
38	Golden metal
39	Silver metal
40	Silver metal
41	Silver metal spring
42	Silver metal
43	Silver metal



Note: test samples were specified by applicant.

Test Result(s):

No.	XRF screening Result					Chemical confirm Result (mg/kg)	Remark	Conclusion
	Pb	Cd	Hg	Cr	Br			
1	BL	BL	BL	BL	BL	---	---	PASS
2	BL	BL	BL	BL	BL	---	---	PASS
3	BL	BL	BL	BL	BL	---	---	PASS
4	BL	BL	BL	BL	BL	---	---	PASS
5	BL	BL	BL	BL	BL	---	---	PASS
6	BL	BL	BL	BL	BL	---	---	PASS
7	BL	BL	BL	BL	BL	---	---	PASS
8	BL	BL	BL	BL	BL	---	---	PASS
9	BL	BL	BL	BL	BL	---	---	PASS
10	BL	BL	BL	BL	BL	---	---	PASS
11	BL	BL	BL	BL	BL	---	---	PASS
12	BL	BL	BL	BL	BL	---	---	PASS
13	BL	BL	BL	BL	BL	---	---	PASS
14	BL	BL	BL	BL	BL	---	---	PASS
15	BL	BL	BL	BL	BL	---	---	PASS
16	BL	BL	BL	BL	BL	---	---	PASS
17	BL	BL	BL	BL	BL	---	---	PASS
18	BL	BL	BL	BL	BL	---	---	PASS
19	BL	BL	BL	BL	BL	---	---	PASS
20	BL	BL	BL	BL	BL	---	---	PASS
21	BL	BL	BL	BL	BL	---	---	PASS
22	BL	BL	BL	BL	BL	---	---	PASS

23	BL	BL	BL	BL	X	PBBs: N.D PBDEs: N.D	---	**PASS**
24	BL	BL	BL	BL	BL	---	---	**PASS**
25	BL	BL	BL	BL	BL	---	---	**PASS**
26	BL	BL	BL	BL	BL	---	---	**PASS**
27	BL	BL	BL	BL	BL	---	---	**PASS**
28	BL	BL	BL	BL	BL	---	---	**PASS**
29	BL	BL	BL	BL	BL	---	---	**PASS**
30	BL	BL	BL	BL	BL	---	---	**PASS**
31	BL	BL	BL	BL	BL	---	---	**PASS**
32	BL	BL	BL	BL	BL	---	---	**PASS**
33	BL	BL	BL	BL	BL	---	---	**PASS**
34	BL	BL	BL	X	BL	Cr^{6+}: N.D	---	**PASS**
35	BL	BL	BL	BL	X	PBBs: N.D PBDEs: N.D	---	**PASS**
36	BL	BL	BL	BL	NA	---	---	**PASS**
37	BL	BL	BL	BL	NA	---	---	**PASS**
38	BL	BL	BL	X	NA	Cr^{6+}: Negative	---	**PASS**
39	BL	BL	BL	X	NA	Cr^{6+}: Negative	---	**PASS**
40	BL	BL	BL	BL	NA	---	---	**PASS**
41	BL	BL	BL	BL	NA	---	---	**PASS**
42	BL	BL	BL	X	NA	Cr^{6+}: Negative	---	**PASS**
43	BL	BL	BL	X	NA	Cr^{6+}: Negative	---	**PASS**

Test Item(s)	**Dibutyl Phthalate (DBP) (mg/kg)**	**Benzylbutyl Phthalate (BBP) (mg/kg)**	**Bis-(2-ethylhexyl) Phthalate (DEHP) (mg/kg)**	**Diisobutyl phthalate（DIBP） (mg/kg)**	**Conclusion**
CAS No.	**84-74-2**	**85-68-7**	**117-81-7**	**84-69-5**	
Limit	**1000**	**1000**	**1000**	**1000**	
No.	**Result (mg/kg)**				

1	N.D	N.D	N.D	N.D	**PASS**
2+7+8	N.D	N.D	N.D	N.D	**PASS**
3+4+5+6+10+ 11+12+22	N.D	N.D	N.D	N.D	**PASS**
9	N.D	N.D	N.D	N.D	**PASS**
13	N.D	N.D	N.D	N.D	**PASS**
14+15+16+17	N.D	N.D	N.D	N.D	**PASS**
18	N.D	N.D	N.D	N.D	**PASS**
19	N.D	N.D	N.D	N.D	**PASS**
24+25	N.D	N.D	N.D	N.D	**PASS**
26+27+28	N.D	N.D	N.D	N.D	**PASS**
31+32	N.D	N.D	N.D	N.D	**PASS**
33+34	N.D	N.D	N.D	N.D	**PASS**
20+21+23+29 +30+35	N.D	N.D	N.D	N.D	**PASS**

Remark:

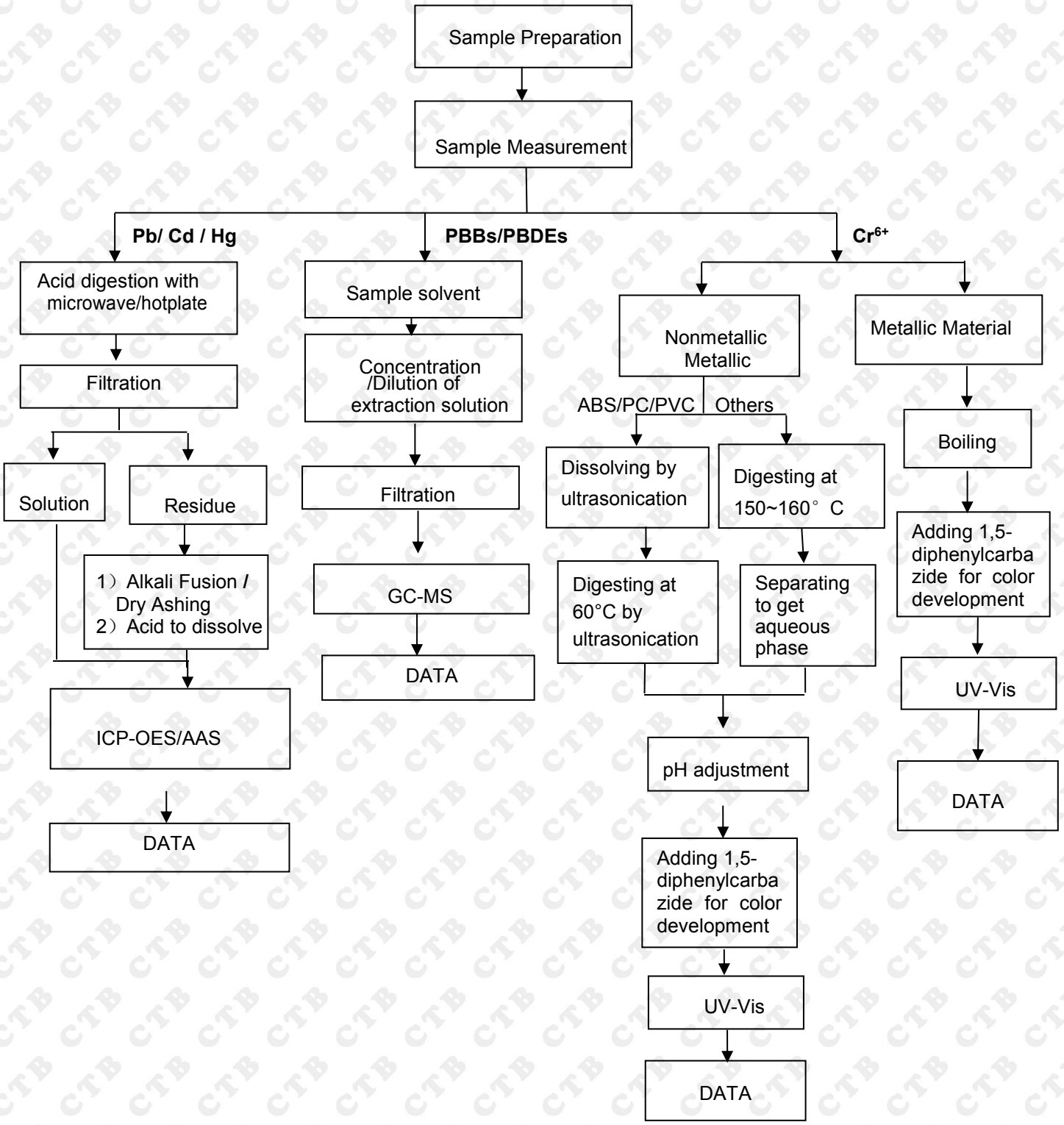
1. BL = below the limit
2. OL = over the limit
3. X = inconclusive, chemical confirm test is needed
4. NA = metal not applicable
5. mg/kg = milligram per kilogram = ppm
6. N.D = not detected
7. Negative = Absence of Cr(VI), the detected Cr(VI) concentration in the boiling water extraction solution is less than 0.1μg/cm^2 sample surface area used.
8. Positive = Presence of Cr(VI), the detected Cr(VI) concentration in the boiling water extraction solution is equal to or greater than 0.13μg/cm^2
9. sample surface area used.The limit for composite test should be divided by the mixed number.

Note:

1. When perform screening tests, it is the result on total Br while test item on restricted substances is PBBs/PBDEs, it is the result on total Cr while test item on restricted substances is Cr^{6+}.
2. Pb, Cd, Hg, Cr and Br results are obtained by EDXRF for primary screening, and further chemical testing by ICP-OES (for Cd, Pb, Hg), UV-VIS (for Cr^{6+}) and GC-MS (for PBBs, PBDEs) is needed to be performed, if the concentration falls into the inconclusive area according to IEC 62321-3-1:2013.
3. For the XRF screening test for RoHS elements, the reading may be different to the actual content in the sample be of non-uniformity composition.
4. As requested by the applicant, EU RoHS test was conducted only on components listed in this report. Other components were not tested.

Test flow chart

1.Pb/Cd/Hg/Cr^{6+}/PBBs/PBDEs



2. Phthalate test flow chart

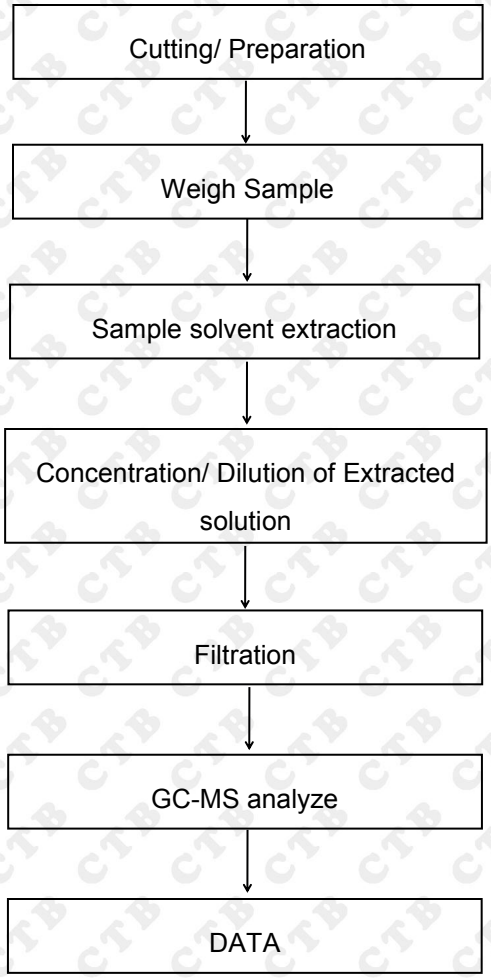


Photo documentation

*** End of Report ***