



Test Report

Sample Name	:	LED Street Light
Sample Model	:	AOK-300WiLH(XXL)-NV-A5-BB-XXYY-BN-P
Inspection Classification	:	Commission test
Manufacturer	:	AOK Industrial Company Limited
Client	:	AOK Industrial Company Limited



Shenzhen LCS Compliance Testing Laboratory Ltd.

TRF-4-K-002 A/0



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Add: 101, 201 Building A and 101, 301 Building C, Juji Industrial Park, Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, Guangdong, China
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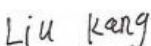
Client : AOK Industrial Company Limited
: 1/F of 1#Building, East Block of 3/F of Building 1, And 2/F of Building 4, ST George' s
Address Science and Technology Industrial Park, Northside of Xinyu Road, Xiangshan Community,
Xinqiao Street Baoan District, 518000 Shenzhen, Guangdong, CHINA
Manufacturer : AOK Industrial Company Limited
: 1/F of 1#Building, East Block of 3/F of Building 1, And 2/F of Building 4, ST George' s
Address Science and Technology Industrial Park, Northside of Xinyu Road, Xiangshan Community,
Xinqiao Street Baoan District, 518000 Shenzhen, Guangdong, CHINA
Factory : AOK Industrial Company Limited
: 1/F of 1#Building, East Block of 3/F of Building 1, And 2/F of Building 4, ST George' s
Address Science and Technology Industrial Park, Northside of Xinyu Road, Xiangshan Community,
Xinqiao Street Baoan District, 518000 Shenzhen, Guangdong, CHINA

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

Sample Name : LED Street Light
Sample Model : AOK-300WILH(XXL)-NV-A5-BB-XXYY-BN-P
Sample Quantity : 1 PC
Sample tested Status : Normal
Sample received Date : Jun. 11, 2026
Sample tested Date : Jun. 14, 2026
Trade mark : 

Test result information:

Test item : 3G Vibration test
Test standard : ANSI C136.31-2023
Test result : Pass

					
Edited by	Liukang	Checked by	Kings.Su	Approved by	Hart.Qiu
	Jun. 15, 2026		Jun. 15, 2026		Jun. 15, 2026

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Declared by applicant as follows: - All models of use the same circuit and PCB layout and have similar appearance and structure except power.

Model list for luminaire:

Model No.	'Z' can be 10 to 300 which stands for Rated Power 10W to 300W, in steps of 1W	Rated Power (W)
AOK-ZWiLH(S)-NV-A5-BB-XXYY-BN-P	Z=10 to 30	10-30
	Z=31 to 40	31-40
	Z=41 to 50	41-50
	Z=51 to 60	51-60
	Z=61 to 70	61-70
	Z=71 to 80	71-80
	Z=81 to 100	81-100
AOK-ZWiLH(M)-NV-A5-BB-XXYY-BN-P	Z=101 to 150	101-150
AOK-ZWiLH(L)-NV-A5-BB-XXYY-BN-P	Z=121 to 150	121-150
AOK-ZWiLH(L)-NV-A5-BB-XXYY-BN-P	Z=151 to 200	151-160
AOK-ZWiLH(XL)-NV-A5-BB-XXYY-BN-P	Z=161 to 200	161-200
AOK-ZWiLH(XL)-NV-A5-BB-XXYY-BN-P	Z=201 to 240	201-240
AOK-ZWiLH(XXL)-NV-A5-BB-XXYY-BN-P	Z=201 to 240	201-240
AOK-ZWiLH(XXL)-NV-A5-BB-XXYY-BN-P	Z=241 to 300	241-300
AOK-ZWiLH(S)-NV-L2-BB-XXYY-BN-P	Z=10 to 30	10-30
	Z=31 to 40	31-40
	Z=41 to 50	41-50
	Z=51 to 60	51-60
	Z=61 to 70	61-70
	Z=71 to 80	71-80
	Z=81 to 100	81-100
AOK-ZWiLH(M)-NV-L2-BB-XXYY-BN-P	Z=101 to 150	101-120
AOK-ZWiLH(L)-NV-L2-BB-XXYY-BN-P	Z=121 to 150	121-150
AOK-ZWiLH(L)-NV-L2-BB-XXYY-BN-P	Z=151 to 200	151-160
AOK-ZWiLH(XL)-NV-L2-BB-XXYY-BN-P	Z=161 to 200	161-200
AOK-ZWiLH(XL)-NV-L2-BB-XXYY-BN-P	Z=201 to 240	201-240
AOK-ZWiLH(XXL)-NV-L2-BB-XXYY-BN-P	Z=201 to 240	201-240
AOK-ZWiLH(XXL)-NV-L2-BB-XXYY-BN-P	Z=241 to 300	241-300
AOK-ZWiLH(S)-NV-L3-BB-XXYY-BN-P	Z=10 to 30	10-30
	Z=31 to 40	31-40
	Z=41 to 50	41-50

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	Z=51 to 60	51-60
	Z=61 to 70	61-70
	Z=71 to 80	71-80
	Z=81 to 100	81-100
AOK-ZWiLH(M)-NV-L3-BB-XXYY-BN-P	Z=101 to 150	101-120
AOK-ZWiLH(L)-NV-L3-BB-XXYY-BN-P	Z=121 to 150	121-150

Remark :

'Z' stands for Rated Power, can be 10-300, in steps of 1W, e.g. 10=10W, 300=300W;

'BB' stands for whether with NEMA socket & short-circuit cap and Zhaga socket & sealing cap, can be 00, PH and SN, 00=without NEMA socket & short-circuit cap and Zhaga socket & sealing cap, PH=with NEMA socket & short-circuit cap, SN=with Zhaga socket & sealing cap;

'XX' stands for CCT of LED, can be 27, 30, 40, 50, 57 and 65, 27=2700K, 30=3000K, 40=4000K, 50=5000K, 57=5700K, 65=6500K;

'YY' stands for CRI (color rendering index), can be 70, 80 and 90, 70=Ra: 70, 80=Ra: 80, 90=Ra: 90.



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Revise Record

[illegible]

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Test Report

Test Item: 3G Vibration test

1) Environment conditions:

Temperature: 23.8℃ Humidity: 53%RH

2) Tested Sample:

Sample No.	Sample Name	Sample Model	Sample Quantity	Sample Description
B251127044-001	LED Street Light	AOK-300WiLH(XXL)-NV-A5-BB-XXYY-BN-P	1 PC	Normal

3) Reference Basis: ANSI C136.31-2023

4) Test Condition:

- Secure to the console and secure;
- Swept Vibration:
 - Frequency(Hz): 2-30;
 - Acceleration(G): 0.2;
 - Swept rate: 1 Oct/min;
 - Test axial: X axis, Y axis, Z axis.
- Fixed Vibration:
 - Frequency(Hz): Z-11.19Hz,X-21.49Hz, Y-(There is no resonance point, take 30.0Hz);
 - Acceleration(G): 3;
 - Test cycle(Times): 100000;
- Sample test condition: Non-Operation;
- Judgement requirements: After the test, the appearance structure of the sample should be undamaged, the bracket should be unbroken and the function should be normal.

5) Test Equipment:

Sequence	Equipment Name	Equipment No.	Valid Date to
1	Vibration tester	LCS-S-532	Mar. 2, 2027

6) Test Results:

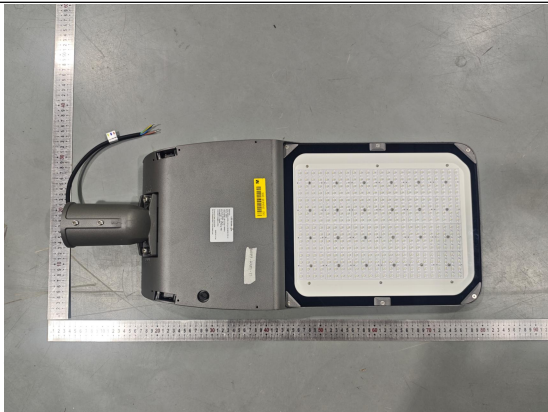
Sample No.	Test Result	Judgment
B251127044-001	After the test, the appearance structure of the sample is not damaged, the bracket is not broken, and the function is normally lit.	Pass



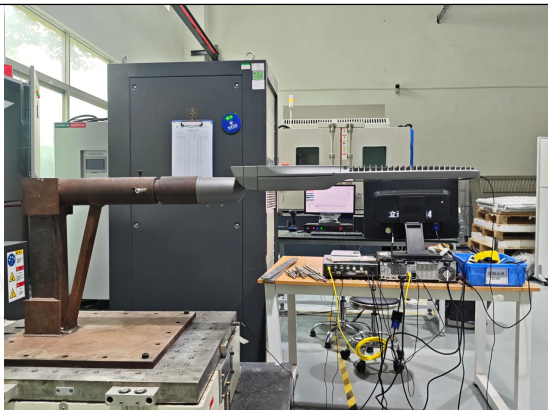


Test Report

Sample Photo before the Test:



Sample Photo during the Test:



X axis Swept



X axis Fixed



Y axis Swept



Y axis Fixed





Test Report

Sample Photo during the Test:

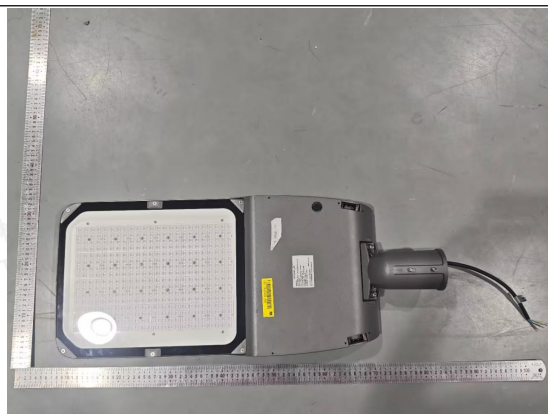


Z axis Swept



Z axis Fixed

Sample Photo after the Test:



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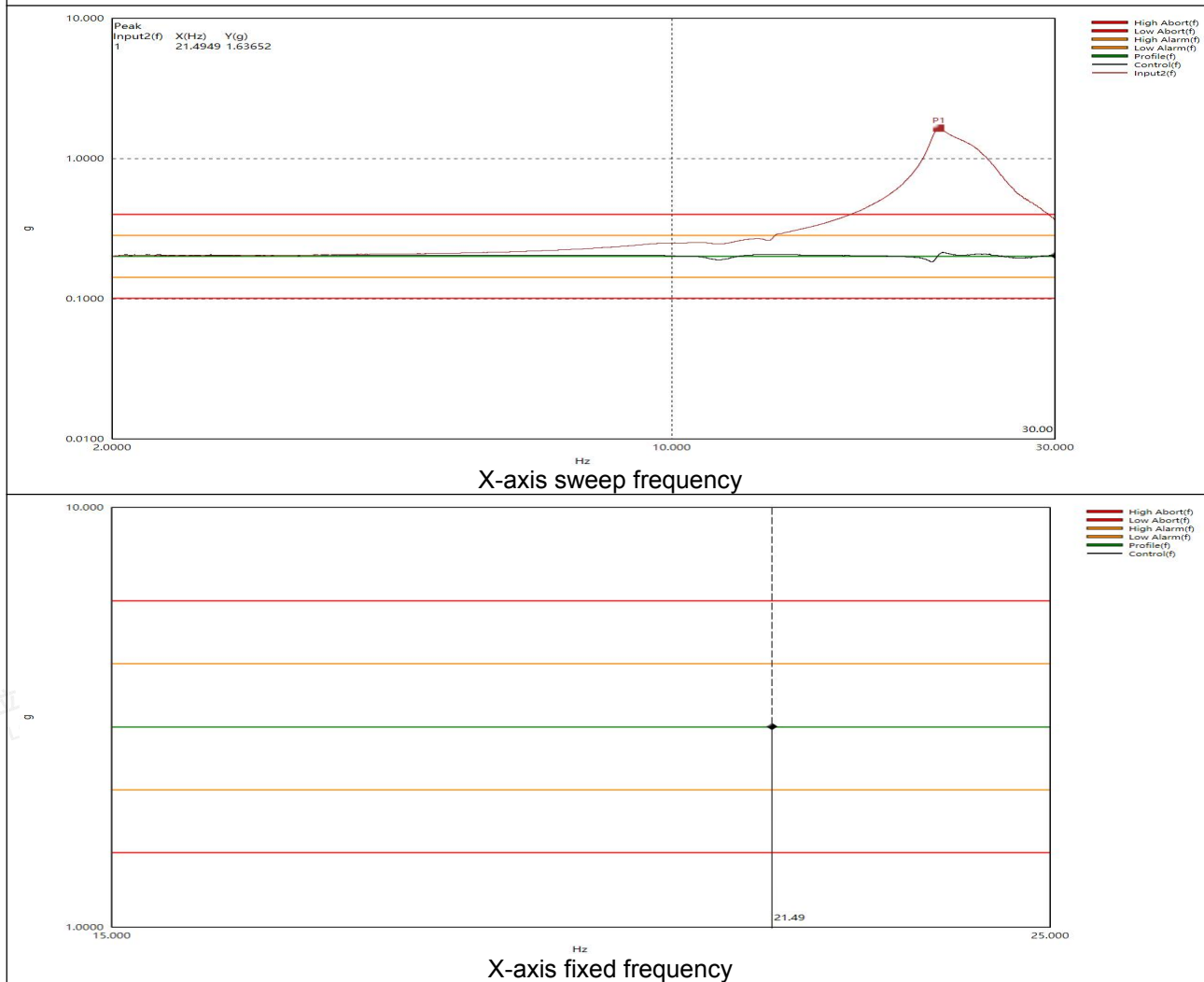


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Test curve:



TRF-4-K-002 A/0

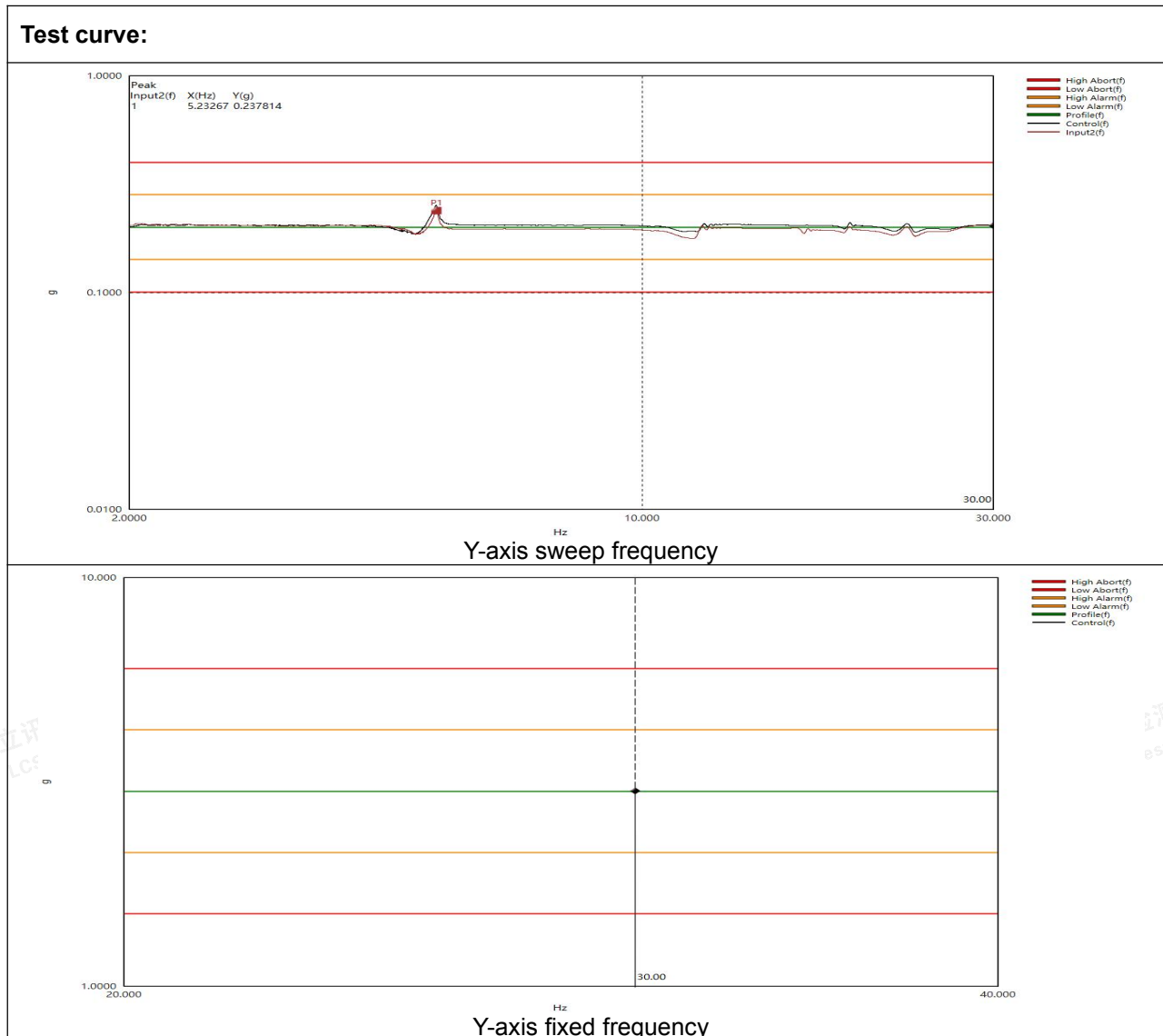


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Test curve:



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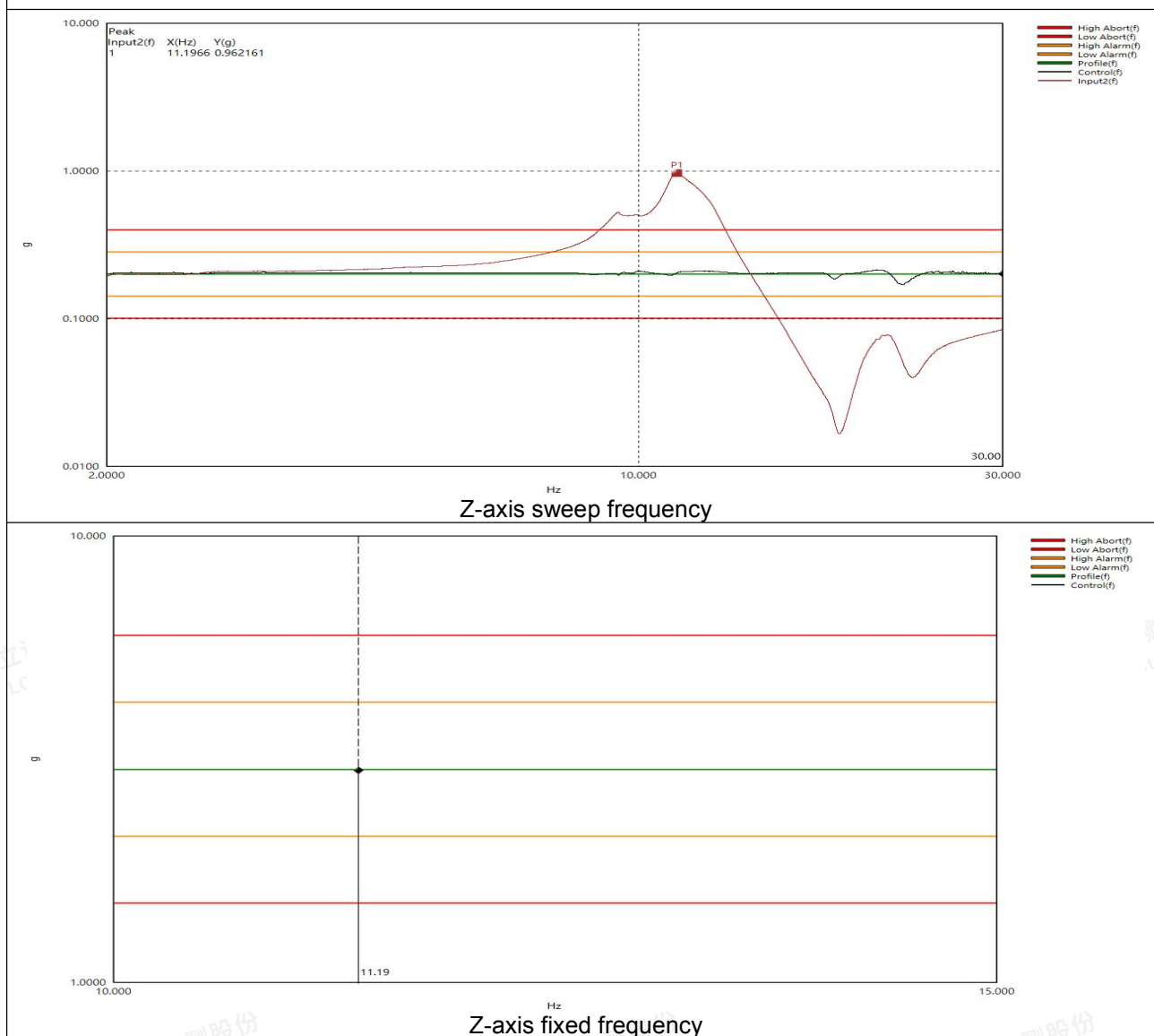


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Test curve:



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NOTES:

1. The report be without test report seal is considered as INVALID.
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3. The report will be invalid without signature of testing person, review person and approved person.
4. Report will be invalid if altered.
5. If there is any objection to the test report, it should be submitted to the lab within 15 days.
Otherwise, objection invalid.
6. Lab is responsible to the testing samples only.
7. The report is only for use of internal by customer or scientific research.
8. The applicant and manufacturer's information, product name, model, trademark and other information in this report are provided by the applicant, and the laboratory is not responsible for verifying their authenticity.

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**** End of Report ****

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