

Test Report

Report No.: GNBC241209300-02EN

Issue Date: Dec. 11, 2024

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

Applicant : Cixi city Henghe town with abundant metal hose factory
Address : No. 43, Qinyan Old new House, Henghe Town, Cixi City
Sample Name : stainless steel flexible hose
Tested Model : Inner diameter 10mm
Model/Type reference : Inner diameter 3mm - 25mm
Sample Receive Date : Dec. 09, 2024
Sample Testing Period : Dec. 09, 2024 - Dec. 11, 2024
Test Result Summary:

As requested by the applicant, for details refer to attached page(s).

TEST ITEM(S)	TEST REQUESTED	CONCLUSION(S)
Lead, Cadmium, Mercury, Hexavalent chromium	As specified by client, to comply with the Limits for Restriction of the use of certain hazardous substance in electrical and electronic equipment (RoHS Directive (EU) 2015/863 amending Annex II of Directive 2011/65/EU)	See Result(s)

ORIGINAL

Authorized signature:



Lab Manager: Gavin Zhou



Dec. 11, 2024

This report is only responsible for the tested sample(s) from the client, the testing result(s) is used for scientific research, teaching or internal quality control. Without the writing agreement of the company, the client is not allowed to copy the report in part (entire copy is excepted).

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Test Result(s):

Test Part Description:

Part No.	Description
<u>01</u>	Silvery metal tube

Lead, Cadmium, Mercury, Hexavalent chromium

Test Method: Lead(Pb), Cadmium(Cd) – IEC 62321-5:2013, Acid digestion and determined by ICP-OES
 Mercury(Hg) – IEC 62321-4:2013/AMD1:2017, Acid digestion and determined by ICP-OES
 Cr(VI) – IEC 62321-7-1:2015, Boiling water extraction and determined colorimetrically by UV-vis

<u>Test item(s)</u>	<u>Limit</u>	<u>Unit</u>	<u>RL</u>	<u>Result(s)</u>
				<u>01</u>
Lead(Pb)	1000	mg/kg	10	N.D.
Cadmium(Cd)	100	mg/kg	10	N.D.
Mercury(Hg)	1000	mg/kg	10	N.D.
Hexavalent chromium(Cr(VI))	--	µg/cm ²	0.10	N.D.
<u>Conclusion(s)</u>				PASS*

- Notes:**
1. 1000mg/kg = 0.1%;
 2. RL = Reporting Limit;
 3. N.D. = Not detected (<RL);
 4. If Cr(VI) concentration > 0.13 ug/cm², the sample contains Cr(VI) which is positive for Cr(VI);
 If Cr(VI) concentration < 0.10 ug/cm², the sample does not contain Cr(VI) which is negative for Cr(VI);
 If Cr(VI) concentration ≥ 0.10 ug/cm² and ≤ 0.13 ug/cm², the result is considered to be inconclusive –
 Unavoidable coating variations may influence the determination;
 5. “*” = As requested by client.

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Sample Photo(s):



GIG authenticate the photo(s) on original report only

*****End of Report*****

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