



TEST REPORT

REPORT No.: SZ1210517-17507E

Date: June 11, 2021

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Report on the submitted samples said to be:

Sample Name : LTC2-FS Probe
Sample Material : Silicone + metal
Sample Receiving Date : May 17, 2021
Testing Period : From May 17, 2021 to June 11, 2021
Results : Please refer to next page(s).

Summary of Test Results:

TEST REQUEST

CONCLUSION

A	Council of Europe Resolution CM/Res(2013)9-- Specific migration of heavy metal	Pass
B	Council of Europe Resolution Res AP(2004)5 - Overall Migration	Pass

Signed for and on behalf of BACL

Checked by: Jane Xu
Jane Xu

Approved by: Bensen Huang
Bensen Huang

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Results:

Tested part(s):

- (1) Silvery metal
- (2) Red silicone

A. Council of Europe Resolution CM/Res(2013)9

Test Method: With reference to EN13130-1:2004 for selection of test method; analysis was performed by ICP-OES and ICP-MS.

Simulant Used : 0.5% citric acid
Test Condition : 100°C , 24 hours

Test Item(s)	Unit	MDL	(1)			
			1st + 2nd Migration		3rd Migration	
			7* SRL	Result	SRL	Result
Aluminium(Al)	mg/kg	0.2	35	N.D.	5	N.D.
Antimony(Sb)	mg/kg	0.02	0.28	N.D.	0.04	N.D.
Chromium(Cr)	mg/kg	0.1	1.75	0.97	0.25	0.18
Cobalt(Co)	mg/kg	0.01	0.14	N.D.	0.02	N.D.
Copper(Cu)	mg/kg	0.1	28	0.18	4	0.12
Iron(Fe)	mg/kg	0.25	280	2.71	40	0.92
Manganese(Mn)	mg/kg	0.25	12.6	N.D.	1.8	N.D.
Molybdenum(Mo)	mg/kg	0.02	0.84	N.D.	0.12	N.D.
Nickel(Ni)	mg/kg	0.05	0.98	0.13	0.14	N.D.
Silver(Ag)	mg/kg	0.03	0.56	N.D.	0.08	N.D.
Tin (Sn)	mg/kg	5	700	11.7	100	N.D.
Vanadium(V)	mg/kg	0.005	0.07	N.D.	0.01	N.D.
Zinc(Zn)	mg/kg	1	35	N.D.	5	N.D.
Arsenic(As)	mg/kg	0.001	0.014	N.D.	0.002	N.D.
Barium(Ba)	mg/kg	0.25	8.4	N.D.	1.2	N.D.
Beryllium(Be)	mg/kg	0.005	0.07	N.D.	0.01	N.D.
Cadmium(Cd)	mg/kg	0.002	0.035	N.D.	0.005	N.D.
Lead(Pb)	mg/kg	0.005	0.07	0.056	0.01	0.008
Lithium(Li)	mg/kg	0.02	0.336	N.D.	0.048	N.D.
Mercury(Hg)	mg/kg	0.002	0.021	N.D.	0.003	N.D.
Thallium(Tl)	mg/kg	0.0001	0.0007	N.D.	0.0001	N.D.
Conclusion	/	/	Pass			

Note:

- N.D. = Not Detected or less than MDL
- MDL = Method Detection Limit
- Photo appendix is included.

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B. Council of Europe Resolution Res AP(2004)5 - Overall Migration

Test method: With reference to EN1186-1: 2002 for selection of conditions and test methods: EN1186-3: 2002 aqueous food simulates by total immersion methods;

Simulant Used	Unit	MDL	Results			Limit
			(2)			
			1st	2nd	3rd	
3% acetic acid at 100°C for 2 hours	mg/dm ²	3	4.4	N.D.	N.D.	10
10% ethanol at 100°C for 2 hours	mg/dm ²	3	N.D.	N.D.	N.D.	10
50% ethanol at 100°C for 2 hours	mg/dm ²	3	4.2	N.D.	N.D.	10
Stability	/	/	YES			/
Conclusion	/	/	Pass			/

Note:

- N.D. = Not Detected or less than MDL
- MDL = Method Detection Limit
- The test results of sample (2) are shown retest result, and the retest sample was provided by client on June 7, 2021.
- Photo is included.

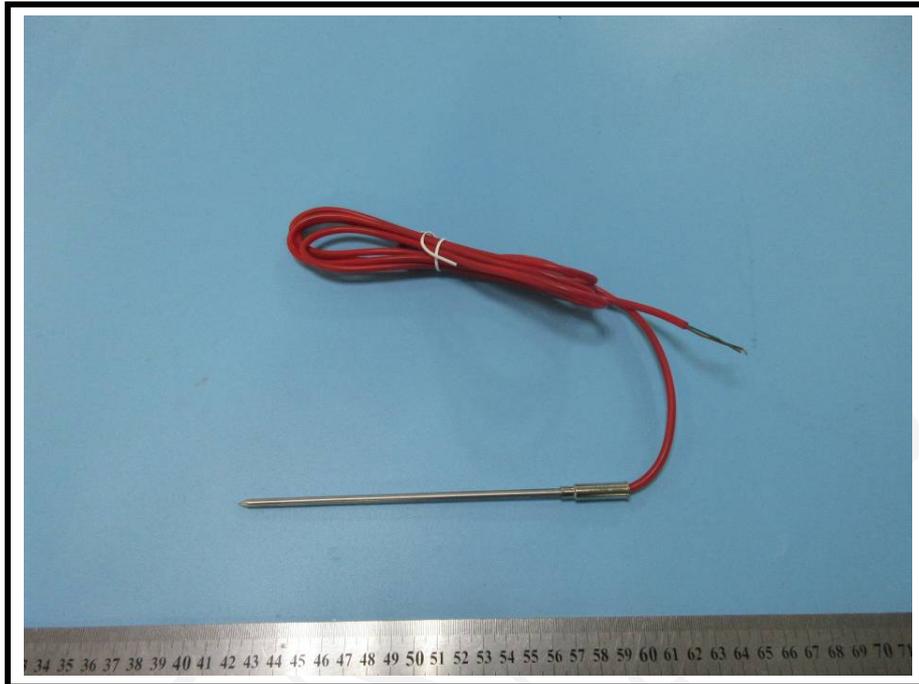
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Photograph of Sample



BACL authenticate the photo on original report only

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5. The information which provided by the applicant, such as sample description, sample name ,material component, style/item No. , P.O. No. , manufacture, age phase, the laboratory is not responsible for its authenticity and this information can affect the validity of the result in the test report.
6. The test samples were in good condition before testing.
7. The extended uncertainty given in this report is obtained by combining the standard uncertainty times the coverage factor K with the 95% confidence interval.

*** End of Report ***