

TEST REPORT

Applicant : HEBEI H2OPRIME TECH CO., LTD.
Address : No. 499 Heping West Road, Xinhua District, Shijiazhuang City, Hebei Province

Product Description : Stainless steel bottle and cup
Type/Style/Item No. : XKP-01, KLP-02, QC-30, QC-20, YDH-01, OWL-02, BSQCB-07,
TKH-01, YYB-01
Manufacturer : /

The above sample(s) and information were provided by the client.

Sample Receiving Date : Oct.10th, 2024
Testing Period : Oct.10th, 2024- Oct.15th, 2024

Testing Category : Entrusting Test
Sample Status : Sample is suitable for testing.
Testing Requested : Please refer to next Pages.
Testing Method : Please refer to next Pages.
Testing Results : Please refer to next Pages.

Approved by: _____
Authorized Signature



Only the client is authorized to permit copying or distribution of this report and then only in its entirety.
The test report will be deemed invalid unless there are signatures of approved personnel, and special report stamp of our lab.
The test results shown in this report is only applicable for the samples supplied by the applicant and accepted by our lab, and the applicant is responsible for the representative of the samples.
If there is any dissent of the results, applicant should notify our lab after obtaining the report in 15 working days.
The test report shall only be used for scientific research, teaching, internal quality control, product research and development, won't have proof function to the society.



TEST REPORT

TEST REQUESTED AND CONCLUSION

Tested Part	Testing Requested	Conclusion
-	German Food, Articles of Daily Use and Feed Code of September 1st, 2005 (LFGB) Section 30 and 31, BfR recommendation, and EU Regulation 1935/2004/EC, Council of Europe Resolution CM/Res(2020)9 on the safety and quality of materials and articles for contact with food and EDQM METALS AND ALLOYS used in food contact materials and articles 2 nd Edition 2024	-
P1	- Sensorial examination odor and taste test	PASS
	- Heavy Metals Migration(24 elements): Artificial tap water; 70°C, 2 hours	PASS

Note: The tested part and model of the sample was specified by client. The test conclusion was given based on the results of tested part.

All the test items are arranged on the model: QC-20. According to the declaration of the same material provided by the applicant, the listed model: XKP-01, KLP-02, QC-30, YDH-01, OWL-02, BSQCB-07, TKH-01, YYB-01 and the tested model: QC-20, the raw materials and processes are consistent, and all consequences and responsibilities arising from it are the responsibility of the applicant.

SAMPLE DESCRIPTION

Part Num.	Sample ID	Description
P1	NS24091858A-1	Silver stainless steel cup

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TEST RESULTS

1) Sensorial examination odor and taste test

Test Method: With reference to DIN 10955: 2004.

Test Condition: Distilled water; 23.0°C, 24 hours

Test Items	Limit	P1 Result
Sensorial examination odor	2.5	0
Sensorial examination taste	2.5	0

Remark:

Scale evaluation: 0: No perceptible odor
1: Odor just perceptible
2: Moderate odor
3: Moderately strong odor
4: Strong odor



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2) Heavy Metals Migration(24 elements)

Test Method: With reference to CM/Res (2020)9 and EDQM METALS AND ALLOYS used in food contact materials and articles 2nd Edition 2024, analyzed by ICP-OES.

Test Condition: Artificial tap water; 70°C, 2 hours

Test Items	MDL	Limit	7*Limit	P1 Result			
				First	Second	1 st +2 nd	Third
Silver (Ag)	0.01	0.08	0.56	N.D.	N.D.	N.D.	N.D.
Aluminum (Al)	0.1	5	35	N.D.	N.D.	N.D.	N.D.
Arsenic (As)	0.001	0.002	0.014	N.D.	N.D.	N.D.	N.D.
Barium (Ba)	0.1	1.2	8.4	N.D.	N.D.	N.D.	N.D.
Beryllium (Be)	0.01	0.01	0.07	N.D.	N.D.	N.D.	N.D.
Cadmium (Cd)	0.001	0.005	0.035	N.D.	N.D.	N.D.	N.D.
Cobalt (Co)	0.01	0.02	0.14	N.D.	N.D.	N.D.	N.D.
Chromium (Cr)	0.01	1	7	N.D.	N.D.	N.D.	N.D.
Copper (Cu)	0.1	4	28	N.D.	N.D.	N.D.	N.D.
Iron (Fe)	0.1	40	280	N.D.	N.D.	N.D.	N.D.
Mercury (Hg)	0.001	0.003	0.021	N.D.	N.D.	N.D.	N.D.
Lithium (Li)	0.01	0.048	0.336	N.D.	N.D.	N.D.	N.D.
Manganese (Mn)	0.1	0.55	3.85	N.D.	N.D.	N.D.	N.D.
Molybdenum (Mo)	0.1	0.12	0.84	N.D.	N.D.	N.D.	N.D.
Nickel (Ni)	0.1	0.14	0.98	N.D.	N.D.	N.D.	N.D.
Lead (Pb)	0.01	0.01	0.07	N.D.	N.D.	N.D.	N.D.
Antimony (Sb)	0.01	0.04	0.28	N.D.	N.D.	N.D.	N.D.
Tin (Sn)	0.1	100	700	N.D.	N.D.	N.D.	N.D.
Thallium (Tl)	0.001	0.001	0.007	N.D.	N.D.	N.D.	N.D.
Vanadium (V)	0.01	0.01	0.07	N.D.	N.D.	N.D.	N.D.
Zinc (Zn)	0.1	5	35	N.D.	N.D.	N.D.	N.D.
Zirconium(Zr)	0.1	2	14	N.D.	N.D.	N.D.	N.D.
Magnesium(Mg)	0.1	-	-	3.372	3.427	6.799	3.480
Titanium(Ti)	0.1	-	-	N.D.	N.D.	N.D.	N.D.

Remarks:

- (1) Unit: mg/kg = ppm = 0.0001%;
- (2) MDL = Method Detection Limit;
- (3) N.D. = Not Detected (<MDL);
- (4) "-" = Not Regulated.



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TEST SAMPLE



Sample photo

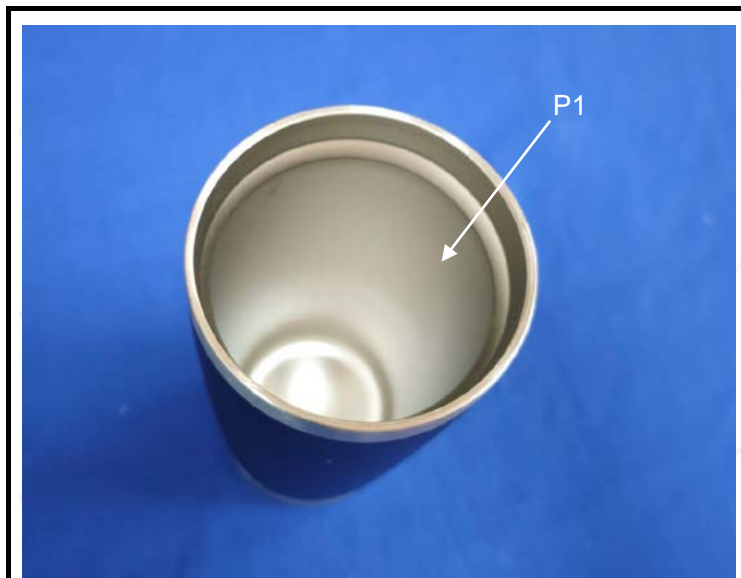


Photo of P1

***** END OF REPORT *****



2 4 1 0 1 0 1 0 1 5 2 1 1 2