



Shenzhen LH Testing Technology Co., Ltd.

106 and 107, building B15, Yintian Industrial Zone, Yantian community,
Xixiang street, Bao'an District, Shenzhen

Tel: +0755-23217660 Email: lihancert@163.com www.lh-cert.com

CERTIFICATE OF CONFORMITY

No.: LH-240603012924

Applicant : SHENZHEN DENORGIN TECH CO., LTD.

Address : 401, Building F, Sanlian Jewelry City, Sanlian Community, Jihua Street,
Longgang District, Shenzhen CN 518101

Manufacturer : SHENZHEN DENORGIN TECH CO., LTD.

Address : Floor 10, Plant 5, Xinghe Intelligent manufacturing center, No.333, Zhongkai
6th Road, Chenjiang Street, Zhongkai High-tech Zone, Huicheng District,
Huizhou city, Guangdong, China.

Product : Portable Espresso Machine

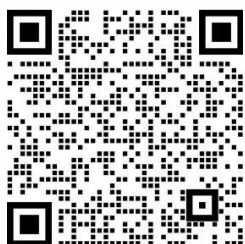
Brand Name : N/A

Model(s) : KF-JN-02

Test Standard(s) : IEC 62321-1: 2013, IEC 62321-2: 2013, IEC 62321-3-1: 2013,
IEC 62321-5: 2013, IEC 62321-4:2013+AMD1:2017, IEC 62321-6: 2015,
IEC 62321-7-1:2015, IEC 62321-7-2: 2017, IEC 62321-8: 2017.

The EUT described above has been examined by us with the listed standards and found in compliance with the Council RoHS Directive 2011/65/EU & (EU)2015/863. It is possible to use RoHS marking to demonstrate the compliance with the RoHS Directive.

The certificate applies to the tested sample above mentioned only and shall not imply an assessment of the whole production. It is only valid in connection with the test report number: LH-240603012924.



RoHS





Shenzhen LH Testing Technology Co., Ltd.

106 and 107, building B15, Yintian Industrial Zone, Yantian community,
Xixiang street, Bao'an District, Shenzhen

Tel: +0755-23217660 Email: lihangcert@163.com www.lh-cert.com

CERTIFICATE OF CONFORMITY

No.: LH-240503012642R1

Applicant : SHENZHEN DENORGIN TECH CO., LTD.

Address : 401, Building F, Sanlian Jewelry City, Sanlian Community, Jihua Street,
Longgang District, Shenzhen CN 518101

Manufacturer : SHENZHEN DENORGIN TECH CO., LTD.

Address : Floor 10, Plant 5, Xinghe Intelligent manufacturing center, No.333, Zhongkai 6th
Road, Chenjiang Street, Zhongkai High-tech Zone, Huicheng District, Huizhou
city, Guangdong, China.

Product : Portable Espresso Machine

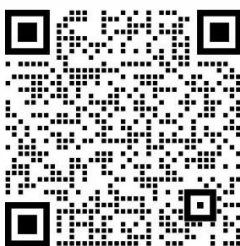
Brand Name : N/A

Model(s) : KF-JN-02

Test Standard(s) : EN IEC 55014-1: 2021;
EN IEC 55014-2: 2021.

The EUT described above has been tested by us with the listed standards and found in compliance with the Council EMC Directive 2014/30/EU. It is possible to use CE marking to demonstrate the compliance with the EMC Directive.

The certificate applies to the tested sample above mentioned only and shall not imply an assessment of the whole production. It is only valid in connection with the test report number: LH-240503012642R1.



Jun. 26, 2024



Shenzhen LH Testing Technology Co., Ltd.

106 and 107, building B15, Yintian Industrial Zone, Yantian community,
Xixiang street, Bao'an District, Shenzhen

Tel: +0755-23217660 Email: lihangcert@163.com www.lh-cert.com

SUPPLIER' S DECLARATION OF CONFORMITY

No.: LH-240603012923

Applicant : SHENZHEN DENORGIN TECH CO., LTD.

Address : 401, Building F, Sanlian Jewelry City, Sanlian Community, Jihua Street,
Longgang District, Shenzhen CN 518101

Manufacturer : SHENZHEN DENORGIN TECH CO., LTD.

Address : Floor 10, Plant 5, Xinghe Intelligent manufacturing center, No.333, Zhongkai
6th Road, Chenjiang Street, Zhongkai High-tech Zone, Huicheng District,
Huizhou city, Guangdong, China.

Product : Portable Espresso Machine

Brand name : N/A

Model(s) : KF-JN-02

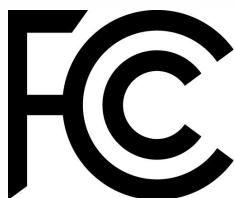
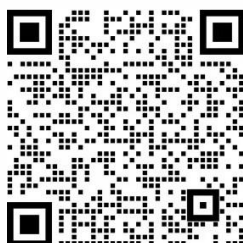
**Test
Standard(s)** : FCC Part 15 Subpart B

This device complies with Part 15 of the FCC rules, operation is subject to the following two conditions:

- (1) This device may not cause harmful interference
- (2) This device must accept any interference received, including interference that may cause undesired operation.

This is the results of test that was carried out by Shenzhen LH Testing Technology Co., Ltd. From the submitted type samples of the product is conformity with the specification of the respective standards.

It is only valid in connection with the test report number: LH-240603012923.



Jun. 21, 2024

Test Report

Applicant : SHENZHEN DENORGIN TECH CO., LTD.
Address : 401, Building F, Sanlian Jewelry City, Sanlian Community, Jihua Street,
Longgang District, Shenzhen CN 518101
Manufacturer : SHENZHEN DENORGIN TECH CO., LTD.
Address : Floor 10, Plant 5, Xinghe Intelligent manufacturing center, No.333, Zhongkai
6th Road, Chenjiang Street, Zhongkai High-tech Zone, Huicheng District,
Huizhou city, Guangdong, China.

Equipment Under Test (EUT)

Sample name : Portable Espresso Machine
Testing type/model : KF-JN-02, KF-JN-01
Brand Name : N/A
Received Date : 2024-07-31
Test Date : 2024-07-31 to 2024-08-05
Issue Date : 2024-08-05
Test requested : Selected test(s) as requested by client.
Test Method : Please refer to next page(s)
Test Results : Please refer to next page(s)

Result Summary:

Test Requested	Conclusion
1) US FDA 21CFR 177.1520 (Olefin Polymers) - Polypropylene homopolymer a) Density b) Melting point c) Extractable fraction d) Soluble fraction	Pass
2) US FDA General Recognized As Safe (GRAS) Specifications-Total Chromium content in stainless steel	Pass
3) US FDA CFR 21 177.1210 (Closure with Sealing Gaskets) - Determination of Amount of Net Chloroform Soluble Extractives	Pass

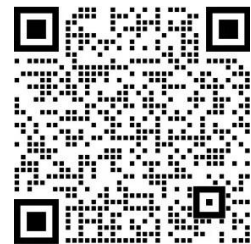
***** For more detailed information, please refer to the next page*****

York xin

Test/Witness Engineer



Approved & Authorized



Results:

1) US FDA 21CFR 177.1520(Olefin Polymers) Polypropylene homopolymer

a) Density

Method: With refer to 21 CFR 177.1520(C)(1.1a), determined dt 23°C.

b) Melting point

Method: With reference to 21 CFR 177.1520(c) (1.1b)

c) Extractable fraction

Method: With reference to 21 CFR 177.1520(c) (1.1a). Sample preparation in n-hexane at reflux temperature for 2 hours

d) Soluble fraction

Method: With reference to 21 CFR177.1520(C) (1.1a). Sample preparation in xylene at 25°C for 2 hours

Test Item	Result (g/mL)			Unit	Limited
	(1)	(2)	(3)		
Density at 23°C	0.889	0.889	0.886	g/mL	0.880-0.913
Melting point	164	165	167	°C	160-180
Extractable fraction in n-hexane at reflux temperature, W/W %	1.7	1.7	1.9	%w/w	6.4
Soluble fraction	3.4	3.4	3.2		9.8
Comment	PASS	PASS	PASS	--	

Sample Description:

- 1) ABS
- 2) PC
- 3) Nylon material

Note:

g/mL= gram per milliliter

°C = degree Celsius

%w/w=percentage of weight by weight

2). US FDA General Recognized As Safe (GRAS) Specifications-Total Chromium content in stainless steel

Method: Acid digestion followed by analysis with Inductively Argon Plasma-Atomic Emission Spectrometry

Test Item	Result (%)	Detection Limit (%)	Requirement
	(4)		
Chromium(Cr)	17.0	0.005	Not less than 16%
Comment	PASS	--	--

Sample Description:

4) Stainless steel

Note: %= Percentage by weight

3). US FDA CFR 21 177.1210 (Closure with Sealing Gaskets)-Determination of Amount of Net Chloroform Soluble Extractives

Method: With reference to US FDA CFR 21 177.1210

For preformed overall discs or annular rings from vulcanized plasticized polymers including rubber:

Extractants Test	Test Condition	Results	Detection Limit (ppm)	Permissible Limit (ppm)
		(5)		
Distilled Water	1200F for 24 hours	ND	5	50
8%Alcohol	1200F for 24 hours	ND	5	50
n-Heptane	70 F for 30 minutes	ND	5	50
Comment	--	PASS	--	--

Sample Description:

5) Silica gel

Note :

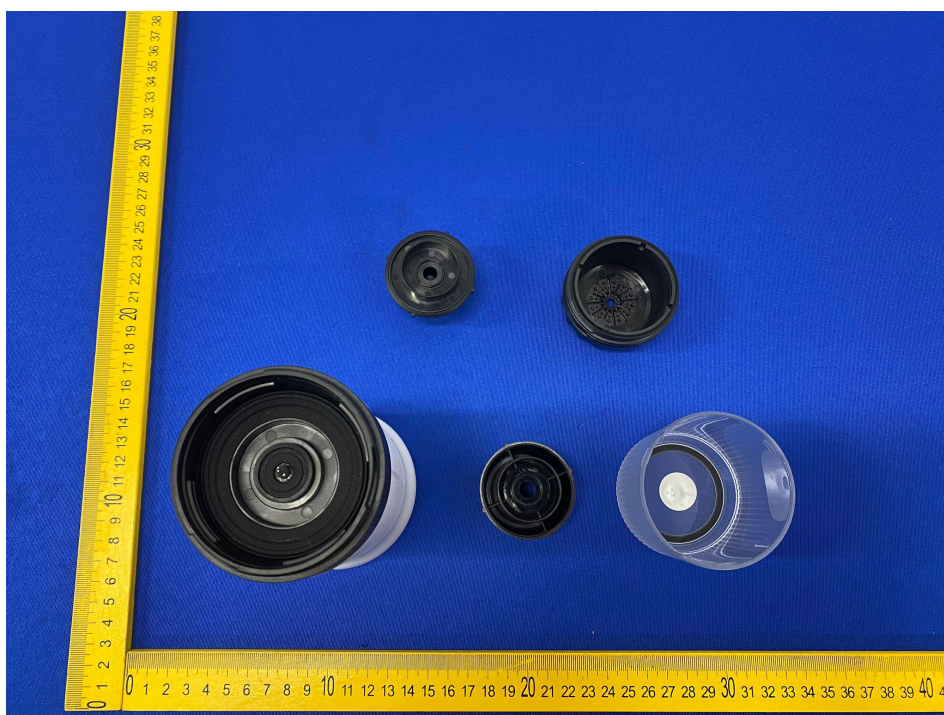
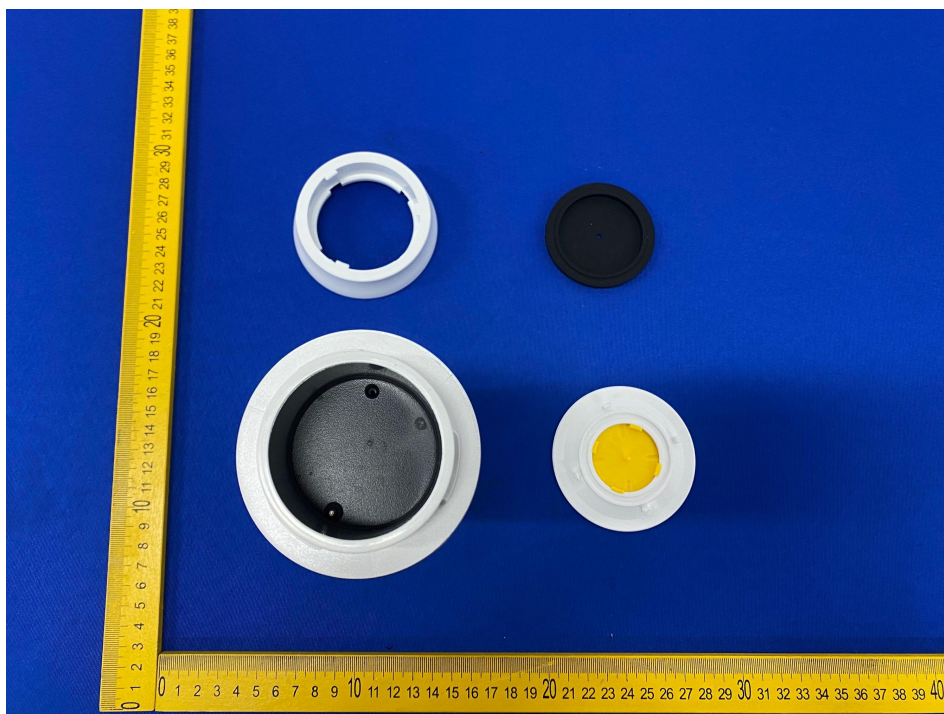
- 1.ppm = parts per million
2. ⁰F = degree Fahrenheit
3. ND = Not Detected

Appendix

Photograph of Sample









END OF REPORT

Test Report

Applicant : SHENZHEN DENORGIN TECH CO., LTD.

Address : 401, Building F, Sanlian Jewelry City, Sanlian Community, Jihua Street,
Longgang District, Shenzhen CN 518101

Manufacturer : SHENZHEN DENORGIN TECH CO., LTD.

Address : Floor 10, Plant 5, Xinghe Intelligent manufacturing center, No.333, Zhongkai 6th
Road, Chenjiang Street, Zhongkai High-tech Zone, Huicheng District, Huizhou
city, Guangdong, China.

Sample name : Portable Espresso Machine

Model No. : KF-JN-02

Serial No. : KF-JN-01

Trademark : N/A

Testing Period : 2024-07-31 to 2024-08-05

Date of issue : 2024-08-05

Test Method : Next page

Results : Please refer to next page(s).

Test Items : PASS

TEST REQUEST

In accordance with German Food, Articles of Daily Use and Feed
Code of September 1, 2005 (LFGB), Section 30 and 31, BfR recommendation

York xin

Test/Witness Engineer



Approved & Authorized



TEST REQUEST	Conclusion
1) With reference to 61st Communication on testing of plastics in Bundesgesundheitsbl 46(2003) 362.	PASS
2) With reference to European pharmacopoeia, 2005 Appendix X F. Peroxide Value method A	PASS
3) Robinson's test with reference to DIN 10955:1983(2004).Odour test condition:23°C 24 hours;Taste test condition:100°C 4 hours;Test media: Distilled water; No.of panelist:5	PASS
4) With reference to 60. Mitteilung uber die Untersuchung von Kunststoffen, Bundesgesundheitsbl 45 (2002) 462 and LFGB 64 BVL B 80.30.1 (EG). Test condition:130°C, 4 hours	PASS
5) Solvent extraction followed by analysis using GC-MS.	PASS
6) With reference to 61st Communication on testing of plastics in Bundesgesundheitsbl 46(2003) 362.	PASS
7) With reference to 60. Mitteilung uber die Untersuchung von Kunststoffen, Bundesgesundheitsbl 45 (2002) 462 and LFGB 64 BVL B 80.30.1 (EG). Test condition:130°C, 4 hours	PASS
8) With reference to 61st Communication on testing of plastics in Bundesgesundheitsbl 46(2003) 362.	PASS
9) Cadmium: Ref.Documents for the Test: With reference to US EPA 3052:1996 & US EPA 3050B:1996,Analysis was performed by Inductively Coupled Plasma –Optical Emission Spectrometry(ICP-OES).	PASS
10) With reference to European pharmacopoeia, 2005 Appendix X F. Peroxide Value method A	PASS

Results:

Test Part Description:

Sample name	Material Description
Portable Espresso Machine	01 Silica gel (Test items include 1、 2、 3、 4、 5)
	02 stainless steel (Test items include 6、 7)
	03 ABS
	04 PC
	05 Nylon material (Test items include 8、 9、 10)

1) Extractable component

Simulant Used	Time	Temperature	Max. Permissible Limit	Result of Extactives
				01
Distilled water	5.0hr	Reflux temperature	0.5%(w/w)	<0.1% (w/w)
3% Acetic Acid	5.0hr	Reflux temperature	0.5%(w/w)	<0.1% (w/w)
10% Ethanol	5.0hr	Reflux temperature	0.5%(w/w)	<0.1% (w/w)

Note:

(1) % w/w=percentage of weight by weight

2) Peroxide value:

Test Item	Limit	Result
		01
Peroxide Value	Absent	Absent

3)Sensorial examination odour and taste test

Test Item	Limit	Result
		01
Sensorial examination odour (Point scale)	2.5	0
Sensorial examination taste (Point scale)	2.5	0

Note:

Scale evaluation:

0:No perceptible odour

1:odour just perceptible(still difficult to define)

2:Moderate odour

3:Moderately strong odour

4:Strong odour

4):Volatile organic matter

Test Item	Limit	Unit	MDL	Result
				01
Volatile organic matter (VOM)	0.5	%(w/w)	0.1	0.1

Note:

% w/w=percentage of weight by weight

5):Organotin content (Monobutyltin, Dibutyltin, Tributyltin, Tetrabutyltin, Triphenyltin, Mono-octyltin, Di-octyltin)

Test Item	Limit	Unit	MDL	Result
				01
Monobutyl tin (MBT)	Absent	%(w/w)	0.02	ND
Dibutyl tin (DBT)	Absent	Mg/kg	0.02	ND
Tributyl tin (TBT)	Absent	Mg/kg	0.02	ND
Monooctyl tin (MOT)	Absent	Mg/kg	0.02	ND
Tetrabutyl tin (TTBT)	Absent	Mg/kg	0.02	ND
Dioctyl tin (DOT)	Absent	Mg/kg	0.02	ND
Triphenyl tin (TPT)	Absent	Mg/kg	0.02	ND

Note:

1mg/kg=1ppm=0.0001%

2ND=Not detected

3MDL=Method Detection Limit

6): Dissolution of heavy metals (lead, cadmium, chromium, nickel) test, sensory test.

Test Item(s):	Unit	Limit	Result
			02
Lead (Pb)	mg/kg	≤1000	N.D.
Cadmium(Cd)	mg/kg	≤100	N.D.
Hexavalent Chromium (CrVI)	mg/kg	≤1000	N.D.
Nickel(Ni)	μg/cm ² . week	≤0.5	N.D.

Note:

1. ppm = parts per million = mg/Kg = 0.0001%
2. N.D.= Not Detected(<MDL)
3. MDL=Method Detection Limit

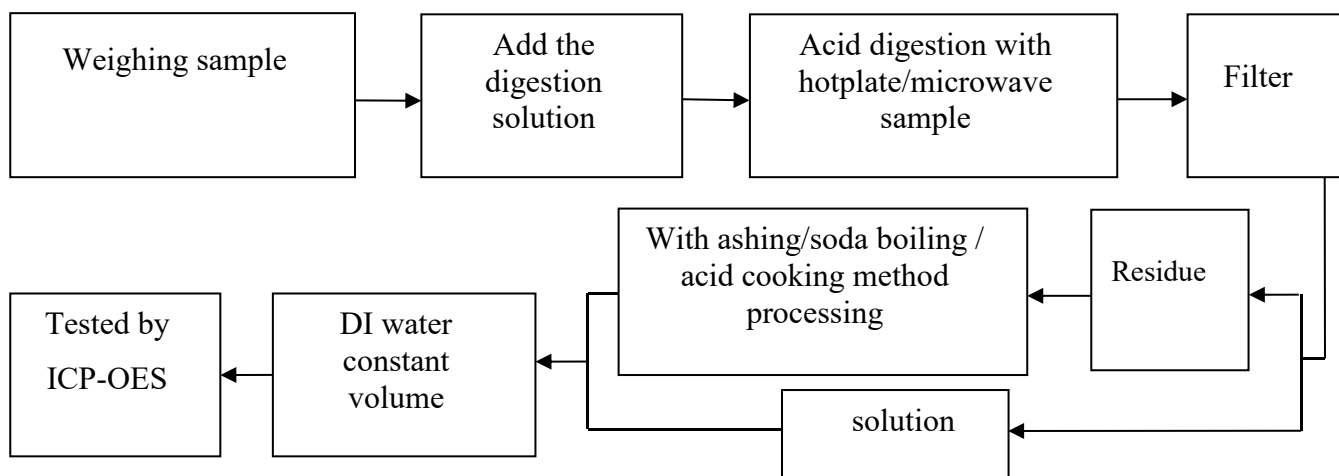
7):Volatile organic matter

Test Item	Limit	Unit	MDL	Result
				02
Volatile organic matter (VOM)	0.5	%(w/w)	0.1	0.1

Note:

% w/w=percentage of weight by weight

Test Flow



8) Extractable component

Simulant Used	Time	Temperature	Max. Permissible Limit	Result of 03.04.05 Extactives
Distilled water	5.0hr	Reflux temperature	0.5%(w/w)	<0.1% (w/w)
3% Acetic Acid	5.0hr	Reflux temperature	0.5%(w/w)	<0.1% (w/w)
10% Ethanol	5.0hr	Reflux temperature	0.5%(w/w)	<0.1% (w/w)

Note:

(1) % w/w=percentage of weight by weight

9) Lead and Zn Test Results: (Unit: mg/kg)

Total lead content in accessible substrate materials

Test method: with reference to CP SC-CH-E1002-08.3 Standard Operating Procedure for Determining Total lead (pb) in Non-Metal Children's products. and measured ICP-OES

Test Item(s):	Unit	Limit	Result		
			03	04	05
Lead (Pb)	mg/kg	≤1000	N.D.	N.D.	N.D.
Zn	mg/kg	≤1000	N.D.	N.D.	N.D.

Test Part Description:

03: Plastic

Note:

1. ppm = parts per million = mg/Kg = 0.0001%
2. N.D.= Not Detected(<MDL)
3. MDL=Method Detection Limit

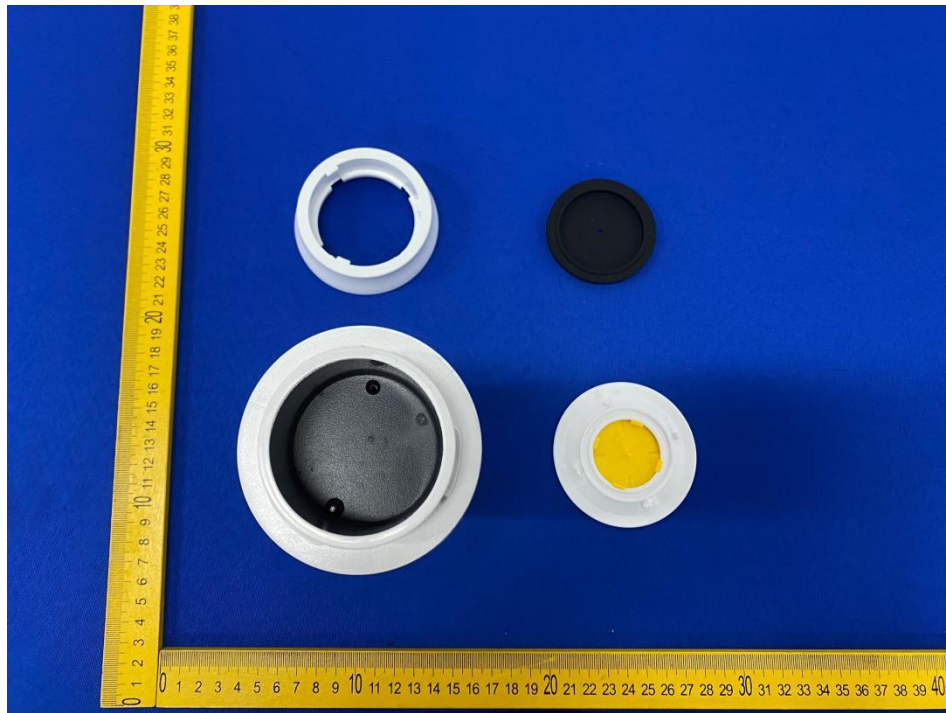
10) Peroxide value:

Test Item	Limit	Result		
		03	04	05
Peroxide Value	Absent	Absent		

Photograph of Sample









END OF REPORT