

Test Report

No. NGBEC2001918001

Date: 21 May 2020

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ZHEJIANG HONGLING INDUSTRY & TRADE CO., LTD.

29 QUANXI SECTION, YONGWU ROAD, WUYI COUNTY, JINHUA CITY, ZHEJIANG PROVINCE, CHINA

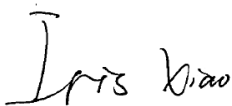
The following sample(s) was/were submitted and identified on behalf of the clients as : Stainless Steel Water Bottle

SGS Job No. : NP20-001803 - NB
 Manufacturer : ZHEJIANG HONGLING INDUSTRY & TRADE CO., LTD.
 Date of Sample Received : 15 May 2020
 Testing Period : 15 May 2020 - 21 May 2020
 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
FDA 21 CFR 177.1210-Chloroform soluble extractives	PASS
FDA 21 CFR 177.1520- Soluble fraction	PASS
FDA 21 CFR 177.1520- Extractable fraction	PASS
Total Chromium	PASS
FDA 21 CFR 177.1520-Density at 23°C	PASS
FDA 21 CFR 177.1520- Melting Point	PASS

Signed for and on behalf of
 SGS-CSTC Standards Technical Services Co., Ltd. Ningbo Branch



Iris Xiao
 Approved Signatory



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Test Results :

Test Part Description :

Specimen No.	SGS Sample ID	Description	Material (claimed by the client)
SN1	NGB20-019180.001	Silvery metal	SUS304
SN2	NGB20-019180.002	Black plastic	PP
SN3	NGB20-019180.003	Transparent silicone	Silicone

FDA 21 CFR 177.1210-Chloroform soluble extractives

Test Method : With reference to FDA 21 CFR 177.1210

<u>Simulant Used</u>	<u>Time</u>	<u>Temperature</u>	<u>Max. Permissible Limit</u>	<u>Result of 003 Chloroform-solubl e extractives</u>
Distilled Water	2hr(s)	250°F	50mg/kg	<5mg/kg

FDA 21 CFR 177.1520- Soluble fraction

Test Method : With reference to FDA 21 CFR 177.1520 (d) (4) (i).

<u>Simulant Used</u>	<u>Time</u>	<u>Temp</u>	<u>Max. Permissible Limit</u>	<u>Result of 002 Soluble fraction</u>
Xylene	2hr(s)	25°C	9.8% (w/w)	3.4% (w/w)

FDA 21 CFR 177.1520- Extractable fraction

Test Method : With reference to FDA 21 CFR 177.1520(d) (3) (i).

<u>Simulant Used</u>	<u>Time</u>	<u>Temperature</u>	<u>Max. Permissible Limit</u>	<u>Result of 002 Extractable fraction</u>
n-Hexane	2hr(s)	reflux temperature	6.4% (w/w)	<0.5% (w/w)

Total Chromium

Test Method : Acid digestion, followed by analysis using ICP-OES.



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<u>Test Item(s)</u>	<u>Limit</u>	<u>001</u>
Total Chromium (%)	≥10.5%	19.5

FDA 21 CFR 177.1520-Density at 23°C

Test Method : With reference to FDA 21 CFR 177.1520d(1).

<u>Test Item(s)</u>	<u>Limit</u>	<u>002</u>
Density at 23°C, g/ cm ³	0.880-0.913	0.906

FDA 21 CFR 177.1520- Melting Point

Test Method : With reference to FDA 21 CFR 177.1520 (d) (2).

<u>Test Item(s)</u>	<u>Limit</u>	<u>002</u>
Melting point,°C	160-180	166

Remark:

- (1) hr = hour
- (2) < = less than
- (3) °F = Fahrenheit degree
- (4) mg/kg = milligram per kilogram
- (5) °C= degree Celsius
- (6) %(w/w) = percentage of weight by weight
- (7) g/cm³ = gram per cubic centimeter
- (8) % = percentage of weight by weight
- (9) ≥ = great than or equal to



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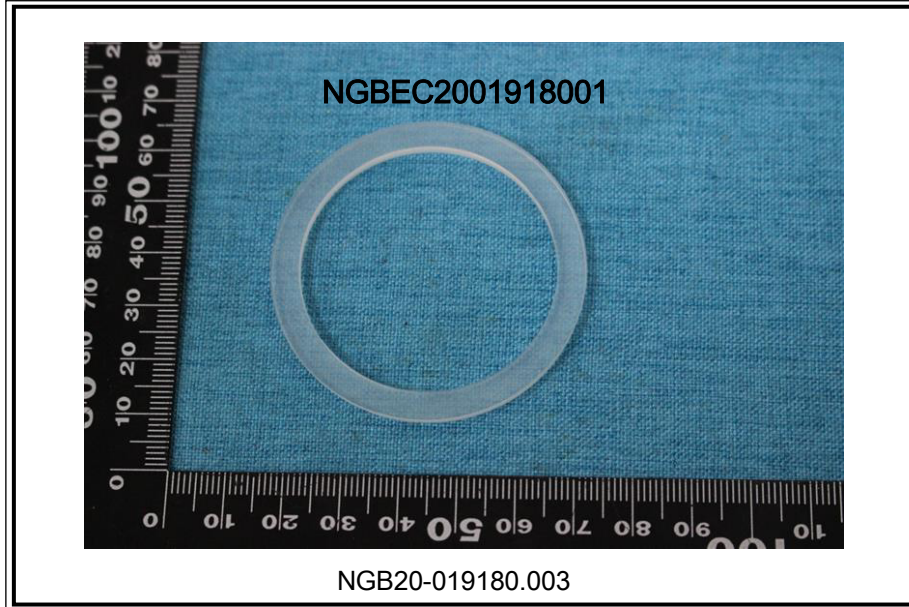
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Sample photo:



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证书号第6291968号



外观设计专利证书

外观设计名称：弹跳直饮盖

设计人：刘文兵

专利号：ZL 2020 3 0337829.7

专利申请日：2020年06月29日

专利权人：浙江鸿凌工贸有限公司

地址：321201 浙江省金华市武义县泉溪镇武永路29号

授权公告日：2021年01月05日

授权公告号：CN 306265500 S

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设计人：

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外观设计名称：杯

设计人：肯特·挹雨·石;陈晓磊;刘文兵;陈浩

专利号：ZL 2022 3 0481498.3

专利申请日：2022年07月27日

专利权人：浙江鸿凌工贸有限公司

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设计人：

肯特·挹雨·石；陈晓磊；刘文兵；陈浩

证书号第7269294号



外观设计专利证书

外观设计名称：防尘吸嘴盖

设计人：刘文兵;陈晓磊

专利号：ZL 2022 3 0043101.2

专利申请日：2022年01月21日

专利权人：浙江鸿凌工贸有限公司

地址：321201 浙江省金华市武义县泉溪镇泉二村彭塘山

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