

Test Report

No. CANHG1819704001

Date: 09 Oct 2018

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TALENTS PACKING INTERNATIONAL LIMITED

NO.198 NAZHOU ESTATE JINDING TANGJIAWANG TOWN ZHUHAI,GD PROVINCE CHINA.


The following sample(s) was/were submitted and identified on behalf of the clients as : foaming pump、 lotion pump、 sprayer、 trigger

SGS Job No. : GZHL1809041976OT - GZ
 Date of Sample Received : 25 Sep 2018
 Testing Period : 25 Sep 2018 - 09 Oct 2018
 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 177.1520–Maximum extractable fraction in n-Hexane	See Results
US FDA CPG Sec. 545.400 (CPG 7117.06) and CPG Sec. 545.450 (CPG 7117.07) Pottery(Ceramics) - Leachable Lead and Cadmium Content (Internal surface)	See Results
US FDA Generally Recognized As Safe (GRAS) Specifications in stainless steel-Total Chromium content	See Results
FDA 21 CFR 177.1520–Maximum soluble fraction in xylene	See Results
FDA 21 CFR 177.1520–Density at 23°C	See Results
FDA 21 CFR 177.1520–Melting Point	See Results

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



Ivy Ren
 Approved Signatory



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Test Results :

Test Part Description :

Specimen No.	SGS Sample ID	Description	Material (claimed by the client)
SN1	CAN18-197040.001	Transparent plastic lid	PP
SN2	CAN18-197040.002	Silvery metal spring	Stainless steel
SN3	CAN18-197040.003	Glass bead	Glass
SN4	CAN18-197040.004	Transparent plastic grains	PP

FDA 21 CFR 177.1520–Maximum extractable fraction in n-Hexane

Test Method : With reference to US 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 001</u>
n-Hexane	2hr(s)	Reflux temperature	6.4%(w/w)	2.0%(w/w)

Notes :

%w/w = percentage of weight by weight

**US FDA CPG Sec. 545.400 (CPG 7117.06) and CPG Sec. 545.450 (CPG 7117.07) Pottery(Ceramics) -
Leachable Lead and Cadmium Content (Internal surface)**

Test Method : With reference to AOAC 18th Ed. (2005) Section 973.32. Analysis was performed by ICP-OES.

Sample 003 Flatware

	<u>Extract Volume (mL)</u>
1	47
2	47
3	47
4	47
5	47
6	47



	<u>Leachable Lead (µg/mL)</u>	<u>Leachable Cadmium (µg/mL)</u>
1	<0.05	<0.01
2	<0.05	<0.01
3	<0.05	<0.01
4	<0.05	<0.01
5	<0.05	<0.01
6	<0.05	<0.01
Average	<0.05	<0.01
Limit	3.0	0.5

Notes :

Flatware: Ceramic articles which have an internal depth, as measured from the lowest point to the horizontal plane passing through the upper rim, that does not exceed 25 mm.

Hollowware: Ceramic articles having an internal depth, as measured from the lowest point to the horizontal plane passing through the upper rim, greater than 25 mm.

Small hollowware: A capacity of less than 1.1 liter.

Large hollowware: A capacity of 1.1 liter or more.

Cups and mugs: Small ceramic hollowware vessels commonly used for consumption of beverages.

Pitchers: Large ceramic hollowware vessels (sometimes known as jugs) commonly used for the storage and dispensing of fruit and vegetable juices or other acidic beverages at or below room temperature which are normally manufactured without a lid but with a handle and lip spout.

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

Test Method : SGS In-house method (GZTC CHEM-TOP-044-28 or GZTC CHEM-TOP-175-01), followed by ICP-OES or titration method.

<u>Test Item(s)</u>	<u>Limit</u>	<u>Unit</u>	<u>MDL</u>	<u>002</u>
Total Chromium	≥16	%(w/w)	0.01	18.86

Notes :

1. %(w/w) = percentage of weight by weight
2. MDL=Method Detection Limit
3. ND = Not Detected (less than MDL)

FDA 21 CFR 177.1520–Maximum soluble fraction in xylene



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

<u>Test Item(s)</u>	<u>Limit</u>	<u>Unit</u>	<u>MDL</u>	<u>001</u>
Soluble fraction in Xylene	9.8	%(w/w)	0.5	7.4

Notes :

%w/w = percentage of weight by weight

FDA 21 CFR 177.1520–Density at 23°C

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

<u>Test Item(s)</u>	<u>Limit</u>	<u>001</u>
Density at 23°C, g/ cm ³	0.880-0.913	0.898

FDA 21 CFR 177.1520–Melting Point

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

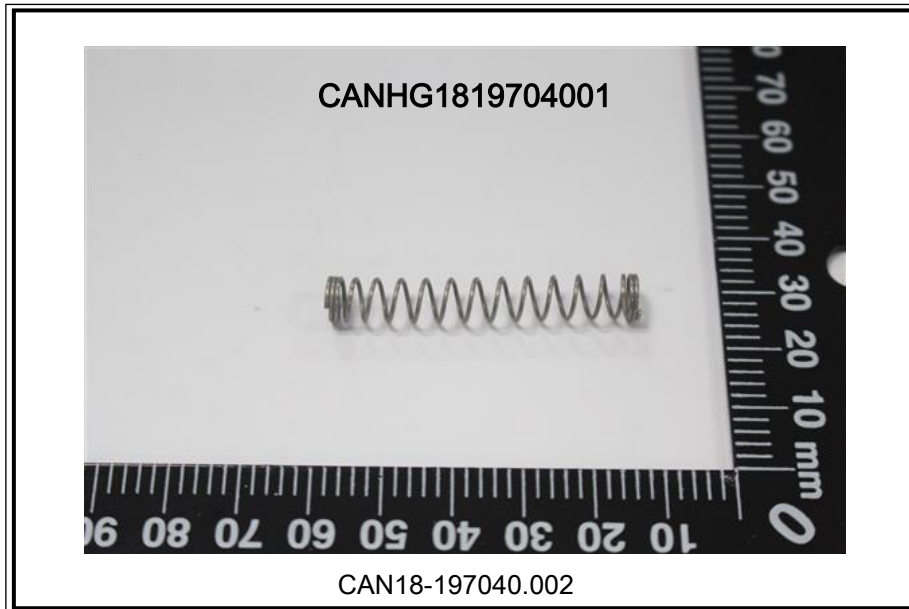
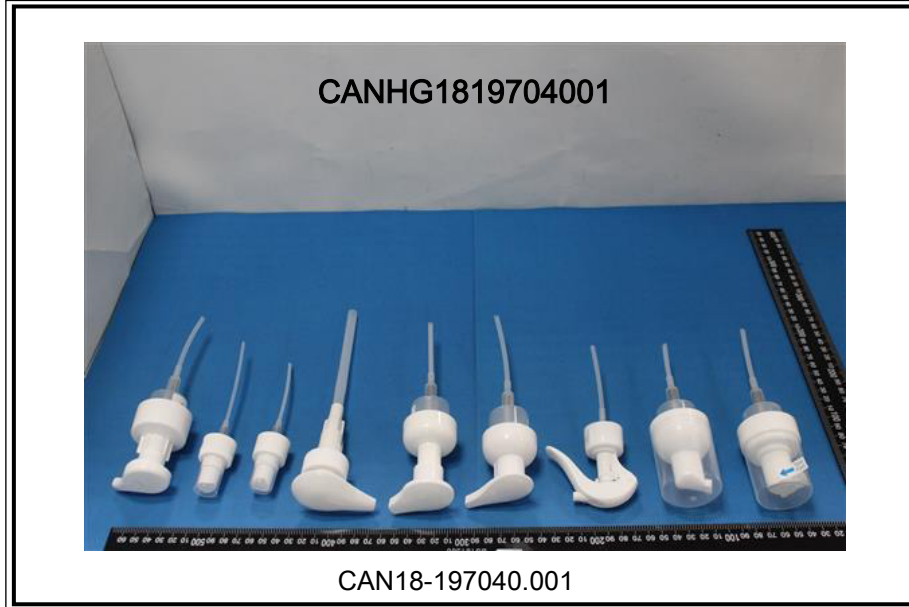
<u>Test Item(s)</u>	<u>Limit</u>	<u>004</u>
Melting Point, °C	160-180	147.5#

Remark: Limit = Reference limit. The test sample is out of scope of the standard.

Remark:#= Exceeds the limit

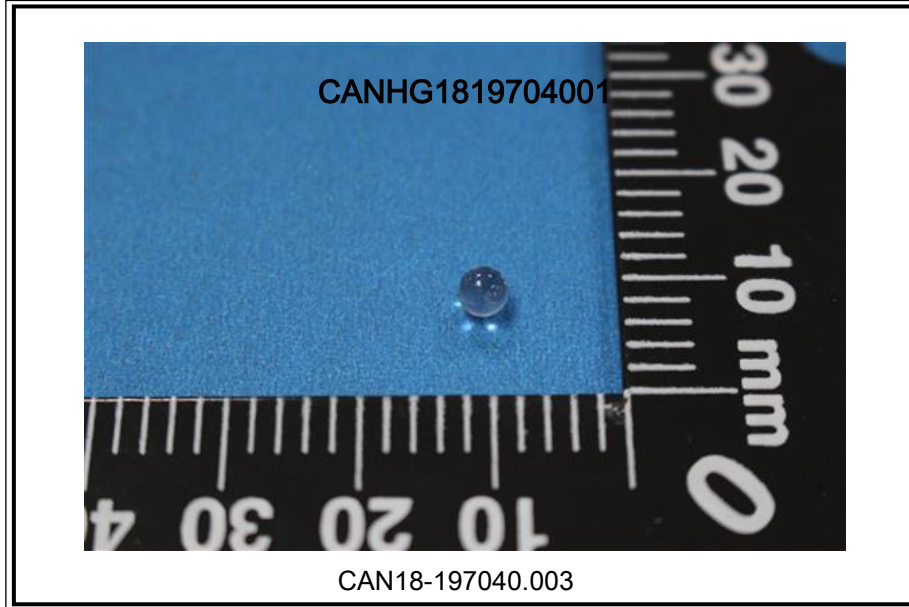


Sample photo:



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*** End of Report ***

