

Test Report

No. CANHG2300313601

Date: 12 Jan 2023

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Client Name : DSR CORP.

Client Address : 75 CHONAMGONGDAN-GIL, GWANGYANG-EUP, GWANGYANG-SI, JEONNAM, KOREA

Sample Name : Stainless steel wire for spring 304 (1.4301)

Client Ref. Info. : P.O./ Ref No.:SGS File No. AYUM22-00295

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

SGS Job No. : GZHL2301000425CW - GZ

Date of Sample Received : 06 Jan 2023

Testing Period : 06 Jan 2023 - 12 Jan 2023

Test Requested : Selected test(s) as requested by the client.

Test Method(s) : Please refer to next page(s).

Test Result(s) : Please refer to next page(s).

Result Summary :

Test Requested	Conclusion
FDA 21 CFR 175.300–Total extractive residues	PASS
US FDA Generally Recognized As Safe (GRAS) Specifications in stainless steel-Total Chromium content	PASS

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

Ivy Ren

Ivy Ren
Approved Signatory

scan to see the report



CANHG2300313601



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Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

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Test Result(s) :

Test Part Description :

Specimen No.	SGS Sample ID	Description	Material (claimed by the client)
SN1	CAN23-003136.001	Silvery metal bar	Stainless steel

FDA 21 CFR 175.300–Total extractive residues

Test Method : With reference to US FDA 21 CFR 175.300.

<u>Simulant Used</u>	<u>Time</u>	<u>Temperature</u>	<u>Max. Permissible Limit</u>	<u>Result of 001 Total extractive residues</u>	<u>Comment</u>
Distilled Water	24.0 hr(s)	120°F	18mg/inch ²	<1mg/inch ²	PASS
8% Ethanol	24.0hr(s)	120°F	18mg/inch ²	<1mg/inch ²	PASS
n-Heptane	0.5hr(s)	70°F	18mg/inch ²	<1mg/inch ²	PASS

Notes :

mg/inch²= milligram per square inch

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>001</u>
Total Chromium	≥16	%(w/w)	0.01	18.52
Comment				PASS

Notes :

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

Unless otherwise stated, the decision rule for conformity reporting is based on Binary Statement for Simple Acceptance Rule ($w=0$) stated in ILAC-G8:09/2019.



Sample photo:



SGS authenticate the photo on original report only

*** End of Report ***

