

Test Report

No.: NGBHL24000791901

Date: Mar 12, 2024

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Client Name: TONG MING ENTERPRISE CO.,LTD.

Client Address: 88 CHANGSHENG EAST RD, ECONOMIC DEVELOPMENT ZONE, JIAXING, ZHEJIANG
CHINA ZIP:314003

Sample Description: STAINLESS STEEL NYLON LOCK NUT

Style No.: NOT PROVIDED

Item No.: NOT PROVIDED

Client Ref. Information: STAINLESS STEEL 316 WIRE RODS,BOLTS,SCREWS NUTS, SPRING
WASHER.FLAT WASHER

Material and Mark: 316

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

SGS No.: NBHL2402002604CW

SGS Ref. No.: NBPC2402000400

Sample Receiving Date: Feb 26, 2024

Testing Period: Feb 26, 2024 ~ Mar 12, 2024

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

Testing Performed: Follow selected test(s) as requested by client.

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



Hedy Hu
Approved Signatory

Scan to see the report



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Verification:
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SGS-CSTC Standards Technical Services Co., Ltd.
Ningbo Branch Chemical Laboratory

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	Test Requirement	Comment
1	GB 4806.9-2023 - Sensory(Appearance: the surface which contact with food should be clean; Plating layer without cracks,peel off; Welding part should be smooth,without porosity,cracks,burr)	Pass
2	GB 4806.9-2023 - Sensory(Marinate: No smell)	Pass
3	GB 4806.9-2023 - Heavy metals	Pass
4	GB 4806.9-2023 - Specific migration of heavy metals	Pass



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Test Result(s):

Test Part Description:

SN ID	Sample No.	SGS Sample ID	Description	Material (claimed by the client)
SN1	A1	NGB24-0007919-0001.C001	Silvery metal lock nut	316 STAINLESS STEEL

Remarks:

- (1) mg/dm² = milligram per square decimeter
 mg/inch² = milligram per square inches
 µg/cm² = microgram per square centimeter
 mg/L = milligram per litre
 mg/kg = milligram per kilogram
- (2) °C = degree Celsius
 °F = degree Fahrenheit
- (3) <= less than
- (4) RL = Reporting Limit
- (5) ND = Not Detected (< RL).

The ratio of surface area to volume

Sample No	Specific Migration
A1	6.0 dm ² /kg

GB 4806.9-2023 - Heavy metals

Test Method: Acid digestion, analysis was performed by ICP-OES.

Test Item(s)	Limit	Unit(s)	RL	A1
Arsenic(As)	0.01	%	0.01	ND
Cadmium(Cd)	0.01	%	0.01	ND
Lead(Pb)	0.01	%	0.01	ND
Comment				Pass

GB 4806.9-2023 - Specific migration of heavy metals

Test Method: GB 31604.49-2023 part 2 method I.

Simulant	Test Condition
	A1
Artificial tap water	70°C, 3 days

Test Item(s)	Limit	Unit(s)	RL	A1
Artificial tap water				



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Test Item(s)	Limit	Unit(s)	RL	A1
Migration times				Third
Specific migration of Arsenic(As)	0.002	mg/kg	0.0006	ND
Specific migration of Cadmium(Cd)	0.002	mg/kg	0.001	ND
Specific migration of Lead(Pb)	0.01	mg/kg	0.005	ND
Specific migration of Antimony(Sb)	0.04	mg/kg	0.01	ND
Specific migration of Aluminium(Al)	1	mg/kg	0.1	ND
Specific migration of Chromium(Cr)	0.25	mg/kg	0.05	ND
Specific migration of Cobalt(Co)	0.02	mg/kg	0.005	ND
Specific migration of Copper(Cu)	4	mg/kg	0.4	ND
Specific migration of Manganese(Mn)	2.0	mg/kg	0.2	ND
Specific migration of Molybdenum(Mo)	0.12	mg/kg	0.01	ND
Specific migration of Nickel(Ni)	0.14	mg/kg	0.01	ND
Specific migration of Tin(Sn)	100	mg/kg	10	ND
Specific migration of Zinc(Zn)	5	mg/kg	0.5	ND
Comment				Pass

Notes:

(1) Test condition & simulant were specified by client.

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.



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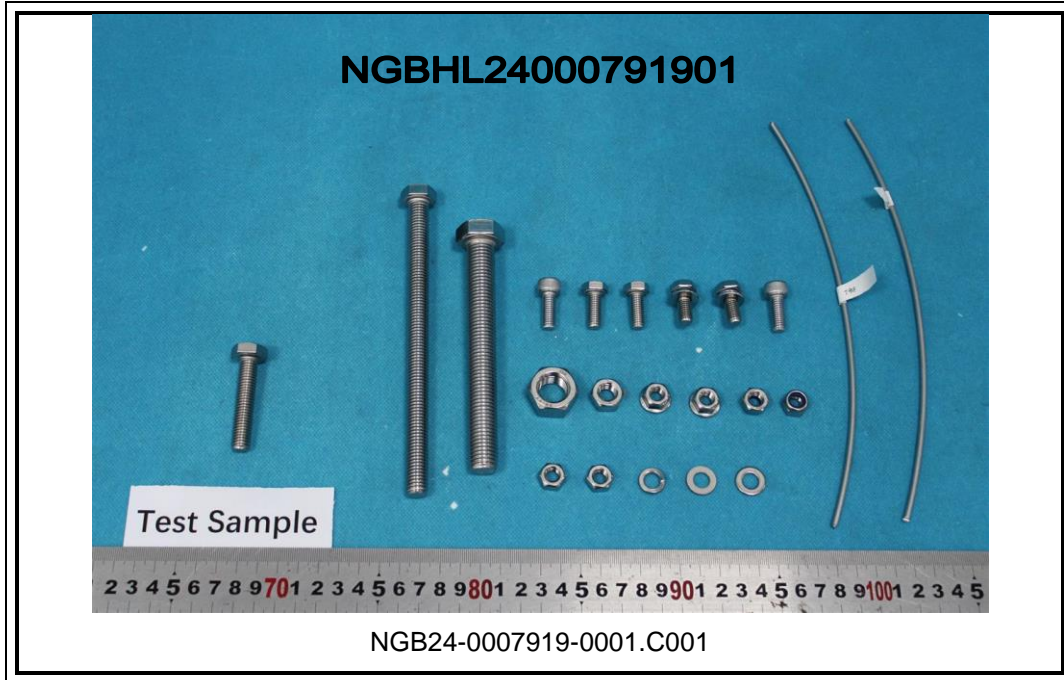
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Sample Photo:



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*** End of Report ***



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