

Test Report No.: 178186096a 001

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Client: SHANDONG INTCO MEDICAL PRODUCTS CO., LTD
Qiwang Road No.9888, Naoshan Industrial Park, Qingzhou City, Shandong Province, China.

Identification / Model No(s): Disposable Nitrile gloves

Sample obtaining method: Sending by customer

Condition at delivery: Test item complete and undamaged.

Sample Receiving date: 2023-08-14

Testing Period: 2023-08-14 to 2023-08-17

Place of testing: Chemical laboratory Qingdao

Test specification:**Test conclusion:**

Selected test item by client:

1 Specific Migration of Metals

PASS

Other Information:

Country of Origin: China

For and on behalf of TÜV Rheinland / CCIC (Qingdao) Co., Ltd.

2023-08-18

Yuxia Lv / Engineer

Date

Name / Position

Sample information is provided by customer. Test result is drawn according to the kind and extent of tests performed.

This test report relates to the a. m. test sample. Without permission of the test center this test report is not permitted to be duplicated in extracts. This test report does not entitle to carry any safety mark on this or similar products.

"Decision Rule" document announced in our website (<https://www.tuv.com/landingpage/en/qm-gcn/>) describes the statement of conformity and its rule of enforcement for test results are applicable throughout this test report.

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Indication: Food contact**Product:** Commodity, contact with foodstuff**Description of test specimen****Item**

1 Disposable Nitrile gloves

1. Material List:

Sample No.	Material	Color	Location
1	Rubber	Blue	Refer to photo

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2. Overall Results:

Test No.	Tested Item	Conclusion
1	Specific Migration of Metals	PASS

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3. Results

3.1 Specific Migration of Metals

Test method: The migratory behaviour was examined with reference to Commission Regulation (EU) No. 10/2011 and its amendments (EN 13130-1:2004). Determination by ICP-MS.

Limit: Client's requirement

The following food simulant and condition were applied:

Food simulant	Test duration / Temperature
Acetic acid 3 %	0.5 hour(s) / 40 °C

Test No.:	1			
Material No.:	1			
Migration ratio:	167 ml / dm ²			
Parameter	Unit	RL	Result	Limit
Aluminium	mg/kg	0.1	n.d.	1
Antimony	mg/kg	0.01	n.d.	0.04
Arsenic	mg/kg	0.01	n.d.	n.d.
Barium	mg/kg	0.1	n.d.	1
Cadmium	mg/kg	0.002	n.d.	n.d.
Total Chromium	mg/kg	0.01	n.d.	n.d.
Cobalt	mg/kg	0.01	n.d.	0.05
Copper	mg/kg	0.5	n.d.	5
Iron	mg/kg	5	n.d.	48
Lead	mg/kg	0.01	n.d.	n.d.
Lithium	mg/kg	0.1	n.d.	0.6
Manganese	mg/kg	0.1	n.d.	0.6
Mercury	mg/kg	0.01	n.d.	n.d.
Nickel	mg/kg	0.01	n.d.	0.02
Europium	mg/kg	0.01	n.d.	-
Gadolinium	mg/kg	0.01	n.d.	-
Lanthanum	mg/kg	0.01	n.d.	-
Terbium	mg/kg	0.01	n.d.	-
Sum of Lanthanide substances	mg/kg	0.01	n.d.	0.05

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Abbreviations:

- RL = Reporting limit
- n.d. = Not detected
- mg/kg = Milligram per kilogram
- ml/dm² = Mililitre per square decimetre
- < = Less than

Remark:

- *1 Single component with an amount below reporting limit was not considered by the calculation of the sum. In the case of all lanthanide substances europium, gadolinium, lanthanum and terbium were not detected, the result is stated n.d.
- *2 The test parameters are selected by client.

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4. Sample picture(s):



Sample 1

- END -

This GTCB is only used for TÜV Rheinland Business Stream Products
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