

Test Report

No.: TAOHL25010168201

Date: Nov 03, 2025

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Client Name: ALLIED INTERNATIONAL TRADING LTD

Client Address: UNIT 3 RABONE PARK RABONE LANE SMETHWICK WEST MIDLANDS B66 2NN
UNITED KINGDOM

Sample Description: DIAMOND GRIP GLOVES 12781-4-ORANGE

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

SGS No.: QDHL2510015474CW

Sample Receiving Date: Oct 22, 2025

Testing Period: Oct 22, 2025 ~ Nov 03, 2025

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

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

	Test Requirement	Comment
1	Regulation (EC) No 1935/2004 of the European Parliament and of the Council of 27 October 2004 - Sensorial examination odour and taste test	Pass
2	Regulation (EC) No 1935/2004 of the European Parliament and of the Council of 27 October 2004, Council of Europe Resolution AP (2004) 4 - Overall Migration	Pass
3	Regulation (EC) No 1935/2004 of the European Parliament and of the Council of 27 October 2004, Council of Europe Resolution AP (2004) 4 - Specific migration of N-nitrosamines and N-nitrosatable substances	Pass
4	Regulation (EC) No 1935/2004 of the European Parliament and of the Council of 27 October 2004, Council of Europe Resolution AP (2004) 4 - Specific migration of primary aromatic amine (individual)	Pass
5	Regulation (EC) No 1935/2004 of the European Parliament and of the Council of 27 October 2004, Council of Europe Resolution AP (2004) 4 - Specific migration of acrylonitrile	Pass
6	Regulation (EC) No 1935/2004 of the European Parliament and of the Council of 27 October 2004, Council of Europe Resolution AP (2004) 4 - 1,3-Butadiene	Pass

Signed for and on behalf of
SGS-CSTC Standards Technical Services (Qingdao) Co., Ltd.

Sapphire Wang

Sapphire Wang

Approved Signatory

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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	TAO25-0101682-0001.C001	Orange rubber glove	Nitrile rubber

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	Overall Migration	Specific Migration
A1	10.0 dm ² /kg	6.0 dm ² /kg

**Regulation (EC) No 1935/2004 of the European Parliament and of the Council of 27 October 2004 -
 Sensorial examination odour and taste test**

Test Method: With reference to DIN 10955: 2024.
 No. of panelist: 6

Test Media	Test Condition
	A1
Distilled water	40°C, 0.5 hr

Test Item(s)	Limit	Unit(s)	A1
Area/Volume	-	dm ² /kg	10.0
Sensorial examination odour	2.5	-	0
Sensorial examination taste	2.5	-	0
Comment			Pass

Notes:

Intensity scale (rounded at 0.5):

- 0 – no perceptible difference
 1 – just perceptible difference
 2 – slight difference



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3 – marked difference
4 – strong difference

Regulation (EC) No 1935/2004 of the European Parliament and of the Council of 27 October 2004, Council of Europe Resolution AP (2004) 4 - Overall Migration

Test Method: With reference to Commission Regulation (EU) No 10/2011 of 14 January 2011 Annex III and Annex V for selection of condition and EN 1186-1:2002 for selection of test methods;
EN 1186-3:2022 Test methods for overall migration in evaporable simulants
EN 1186-2:2022 Test methods for overall migration in vegetable oils

Test Condition			
	10% Ethanol(V/V)	3% Acetic acid (W/V)	Rectified olive oil
A1	40 °C, 0.5 hr	40 °C, 0.5 hr	40 °C, 0.5 hr

Simulant used	Limit	Unit(s)	RL	A1 (1 st)	Comment
10% Ethanol(V/V)	10	mg/dm ²	3.0	ND	Pass
3% Acetic acid (W/V)	10	mg/dm ²	3.0	ND	Pass
Rectified olive oil	10	mg/dm ²	3.0	ND	Pass

Notes:

- Analytical tolerance of evaporable simulants is 2 mg/dm² or 12 mg/kg, analytical tolerance of olive oil simulant is 3 mg/dm² or 20 mg/kg.
- Test condition & simulant were specified by client.
- The test of rectified olive oil was subcontracted to SGS-CSTC Standards Technical Services (Shanghai) Co.,Ltd..

Regulation (EC) No 1935/2004 of the European Parliament and of the Council of 27 October 2004, Council of Europe Resolution AP (2004) 4 - Specific migration of N-nitrosamines and N-nitrosatable substances

Test Method: With reference to EN 13130-1: 2004, analysis was performed by GC-MS.

Simulant	Test Condition
	A1
3% Acetic acid (W/V)	40°C, 0.5 hr

Test Item(s)	Limit	Unit(s)	RL	A1
3% Acetic acid (W/V)				
Migration times				First
Specific migration of N-nitrosamines	ND	mg/kg	0.01	ND
Specific migration of N-nitrosatable substances	ND	mg/kg	0.10	ND



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Test Item(s)	Limit	Unit(s)	RL	A1
Comment				Pass

Notes:

(1) N-nitrosamines tested: N-nitrosodimethylamine (NDMA), N-nitrosodiethylamine (NDEA), N-nitrosodipropylamine (NDPA), N-nitrosodibutylamine (NDBA), N-nitrosopiperidine (NPIP), N-nitrosopyrrolidine (NPYR), N-nitrosomorpholine (NMOR), N-nitrosodibenzylamine (NDBzA), N-nitroso-N-methyl-N-phenylamine (NMPHA), N-nitroso-N-ethyl-N-phenylamine (NEPhA), N-nitrosodiisononylamine (NDiNA) and N-Nitrosodiisobutylamine (NDiBA)

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

Notes:

Sample A1: These tests were subcontracted to SGS-CSTC Standards Technical Services (Shanghai) Co., Ltd..

Regulation (EC) No 1935/2004 of the European Parliament and of the Council of 27 October 2004, Council of Europe Resolution AP (2004) 4 - Specific migration of primary aromatic amine (individual)

Test Method: With reference to EN 13130-1:2004, analysis was performed by LC-MS/MS.

Simulant	Test Condition
	A1
3% Acetic acid (W/V)	40 °C, 0.5 hr

Test Item(s)	CAS No.	Limit	Unit(s)	RL	A1
3% Acetic acid (W/V)					
Migration times					First
2,4,5-Trimethylaniline	137-17-7	-	mg/kg	0.002	ND
2,4-Toluenediamine (2,4-TDA)	95-80-7	-	mg/kg	0.002	ND
2-Methoxy-5-methylaniline	120-71-8	-	mg/kg	0.002	ND
3,3'-Dimethylbenzidine	119-93-7	-	mg/kg	0.002	ND
4,4'-Diaminodiphenyl ether	101-80-4	-	mg/kg	0.002	ND
4,4'-Methylenedianiline	101-77-9	-	mg/kg	0.002	ND
4,4'-Methylenedi-o-toluidine	838-88-0	-	mg/kg	0.002	ND
4-Aminobiphenyl	92-67-1	-	mg/kg	0.002	ND
4-Chloroaniline	106-47-8	-	mg/kg	0.002	ND
4-Chloro-o-toluidine	95-69-2	-	mg/kg	0.002	ND
4-Methoxy-m-phenylenediamine	615-05-4	-	mg/kg	0.002	ND
Benzidine	92-87-5	-	mg/kg	0.002	ND
o-Anisidine	90-04-0	-	mg/kg	0.002	ND
o-Toluidine	95-53-4	-	mg/kg	0.002	ND
2-Naphthylamine	91-59-8	-	mg/kg	0.002	ND
o-Aminoazotoluene	97-56-3	-	mg/kg	0.002	ND
3,3'-Dichlorobenzidine	91-94-1	-	mg/kg	0.002	ND
3,3'-Dimethoxybenzidine	119-90-4	-	mg/kg	0.002	ND
4,4'-Methylene-bis-(2-chloro-aniline)	101-14-4	-	mg/kg	0.002	ND
4,4'-Thiodianiline	139-65-1	-	mg/kg	0.002	ND
4-Amino azobenzene	60-09-3	-	mg/kg	0.002	ND
1,3-Phenylenediamine	108-45-2	-	mg/kg	0.002	ND
2-Amino-4-nitrotoluene	99-55-8	-	mg/kg	0.002	ND



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Test Item(s)	CAS No.	Limit	Unit(s)	RL	A1
1,3-Diiminoisindoline	3468-11-9	-	mg/kg	0.010	ND
3-Anisidine	536-90-3	-	mg/kg	0.002	ND
2-Amino-1-naphthalenesulfonic acid	81-16-3	-	mg/kg	0.005	ND
2-Ethoxyaniline	94-70-2	-	mg/kg	0.005	ND
5-Chloro-2-methoxyaniline	95-03-4	-	mg/kg	0.005	ND
2-Chloraniline	95-51-2	-	mg/kg	0.010	ND
4-Toluidine	106-49-0	-	mg/kg	0.002	ND
1,4-Phenylenediamine	106-50-3	-	mg/kg	0.002	ND
3-Chloroaniline	108-42-9	-	mg/kg	0.010	ND
3-Toluidine	108-44-1	-	mg/kg	0.002	ND
3-Amino-4-methoxybenzanilide	120-35-4	-	mg/kg	0.002	ND
2-Chloro-4-nitroaniline	121-87-9	-	mg/kg	0.005	ND
4-Chlor-3-methoxyaniline	13726-14-2	-	mg/kg	0.005	ND
4-Ethoxyaniline	156-43-4	-	mg/kg	0.002	ND
3-Amino-4-methylbenzamide	19406-86-1	-	mg/kg	0.002	ND
1,5-Diaminonaphthalene	2243-62-1	-	mg/kg	0.002	ND
4-Aminobenzamide	2835-68-9	-	mg/kg	0.005	ND
Aniline	62-53-3	-	mg/kg	0.002	ND
4-Chlor-2,5-dimethoxyaniline	6358-64-1	-	mg/kg	0.005	ND
2,4,5-Trichloroaniline	636-30-6	-	mg/kg	0.010	ND
5-Amino-6-methylbenzimidazolone	67014-36-2	-	mg/kg	0.005	ND
2,6-Diaminotoluene	823-40-5	-	mg/kg	0.002	ND
2,6-Dimethylaniline (2,6-DMA)	87-62-7	-	mg/kg	0.002	ND
4-Aminotoluene-3-sulfonic acid	88-44-8	-	mg/kg	0.005	ND
1,2-Phenyldiamine	95-54-5	-	mg/kg	0.002	ND
2,4-Dimethylaniline (2,4-DMA)	95-68-1	-	mg/kg	0.002	ND
5-Chloro-2-methylaniline	95-79-4	-	mg/kg	0.005	ND
2,5-Dichloroaniline	95-82-9	-	mg/kg	0.010	ND
2,4-Dinitroaniline	97-02-9	-	mg/kg	0.005	ND
2-Methoxy-4-nitroaniline	97-52-9	-	mg/kg	0.005	ND
p-Anisidine	104-94-9	-	mg/kg	0.002	ND
Dimethyl aminoterephthalate	5372-81-6	-	mg/kg	0.002	ND
3,4-Dichloroaniline	95-76-1	-	mg/kg	0.002	ND
1-Naphthylamine	134-32-7	-	mg/kg	0.002	ND
2-Aminobiphenyl	90-41-5	-	mg/kg	0.002	ND
Butyl anthranilate	7756-96-9	-	mg/kg	0.002	ND
2,4'-Diaminodiphenylmethane	1208-52-2	-	mg/kg	0.002	ND
2-Amino-5-methylbenzoic acid	2941-78-8	-	mg/kg	0.002	ND
Total	-	ND	mg/kg	0.01	ND
Comment					Pass

Notes:

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

Regulation (EC) No 1935/2004 of the European Parliament and of the Council of 27 October 2004, Council of Europe Resolution AP (2004) 4 - Specific migration of acrylonitrile

Test Method: With reference to EN 13131-1:2014, analyzed was performed by HS-GCMS.



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Simulant	Test Condition
3% Acetic acid (W/V)	A1 40 °C, 0.5 hr

Test Item(s)	Limit	Unit(s)	RL	A1
3% Acetic acid (W/V)				
Migration times				First
Specific migration of acrylonitrile	ND	mg/kg	0.01	ND
Comment				Pass

Notes:

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

Regulation (EC) No 1935/2004 of the European Parliament and of the Council of 27 October 2004, Council of Europe Resolution AP (2004) 4 - 1,3-Butadiene

Test Method: With reference to EN 13130-4:2004, analysis was performed by HS-GC-MS.

Test Item(s)	Limit	Unit(s)	RL	A1
1,3-butadiene	1	mg/kg	0.1	ND
Comment				Pass

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