

Test Report

No. QDHL2008009658MD

Date: 11 Sep 2020

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The following sample(s) was/were submitted and identified on behalf of the clients as : TPE GLOVES

SGS Job No. : QDHL200804562PC - QD

Lot No. : 20CH - 02

Date of Sample Received : 20 Aug 2020

Testing Period : 23 Aug 2020 - 08 Sep 2020

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
Overall migration	PASS
Specific migration of heavy metal	PASS

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

Jessica Gao

Jessica Gao
Approved Signatory

The results shown in this test report refer only to the sample(s) tested and for clients internal use only. This test report couldn't be used as social justice purpose.

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QD

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Test Results :

Test Part Description :

Specimen No.	SGS Sample ID	Description	Material (claimed by the client)
QD-01	QDL01-2035466-001	White TPE glove	TPE

Overall migration

Test Requested : In accordance with Commission Regulation (EU) No 10/2011 of 14 January 2011 with amendments, to determine overall migration.

Test Method : With reference to EN1186-1:2002 for selection of conditions and test method;
EN1186-9:2002 aqueous food simulants by article filling method;
EN1186-2:2002 olive oil by total immersion method;

Simulant Used	Time	Temperature	Max. Permissible Limit	Result of 001 Overall migration	Conclusion
Deionized water	240.0hr(s)	20°C	10mg/dm ²	<3.0mg/dm ²	PASS
10% Ethanol (V/V) aqueous solution	240.0hr(s)	20°C	10mg/dm ²	<3.0mg/dm ²	PASS
3% Acetic acid (W/V) aqueous solution	240.0hr(s)	20°C	10mg/dm ²	3.4mg/dm ²	PASS
20% Ethanol (V/V) aqueous solution	240.0hr(s)	20°C	10mg/dm ²	<3.0mg/dm ²	PASS
50% Ethanol (V/V) aqueous solution	240.0hr(s)	20°C	10mg/dm ²	<3.0mg/dm ²	PASS
Rectified olive oil	240.0hr(s)	20°C	10mg/dm ²	<3.0mg/dm ²	PASS

Notes :

- (1) Analytical tolerance of aqueous simulants is 1 mg/dm² or 6 mg/kg.
- (2) Analytical tolerance of fatty food simulants is 3 mg/dm² or 20 mg/kg.
- (3) Test condition & simulant were specified by client.

Specific migration of heavy metal

Test Requested : In accordance with Commission Regulation (EU) No 10/2011 of 14 January 2011 with amendments, to determine specific migration of heavy metal.

Test Method : With reference to EN13130-1:2004, analysis was performed by ICP-OES.

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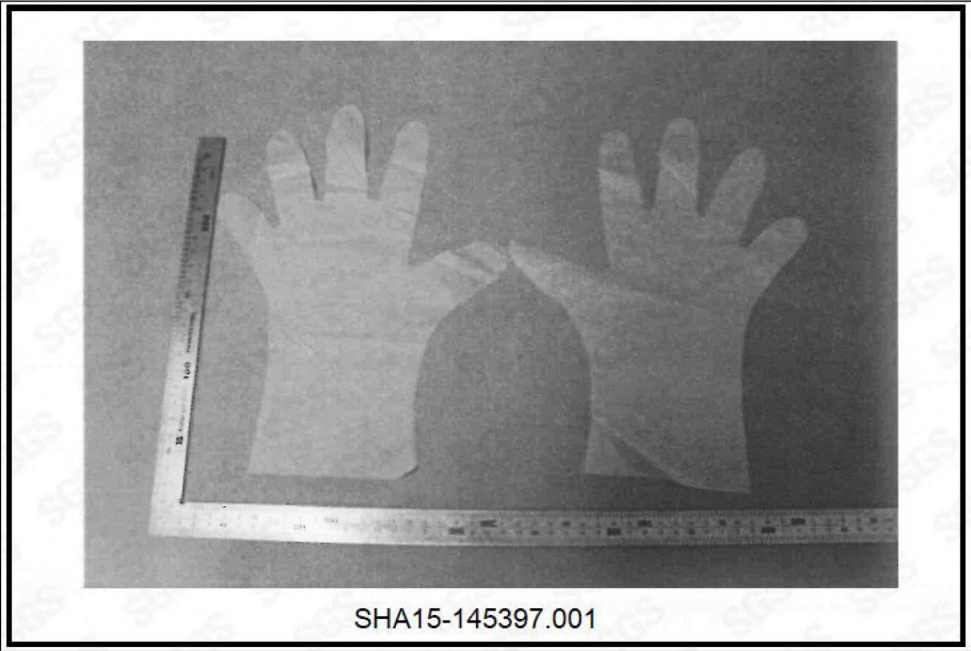
Sample 001

Simulant Used : 3% Acetic acid (W/V) aqueous solution
 Test Condition : 40 °C 2.0 hr(s)

Test Item(s)	Max. Permissible Limit	Unit	MDL	Test result
Barium	1	mg/kg	0.20	ND
Cobalt	0.05	mg/kg	0.01	ND
Copper	5	mg/kg	0.21	ND
Iron	48	mg/kg	0.20	ND
Lithium	0.6	mg/kg	0.35	ND
Manganese	0.6	mg/kg	0.22	ND
Zinc	25	mg/kg	0.33	ND
Conclusion				PASS

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

Sample photo:



SGS authenticate the photo on original report only

*** End of Report ***



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