

## Test Report

No. TSNEC2101420704

Date: 02 Aug 2021

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SHIJIAZHANG HONGRAY GROUP CO., LTD.  
SOUTH TONGDA RD., EAST DIST. JINZHOU CITY, HEBEI  
052260, CHINA

The following sample(s) was/were submitted and identified on behalf of the clients as : DISPOSABLE NITRILE GLOVE

SGS Job No. : TP21-004980 - TJ  
Date of Sample Received : 19 Jul 2021  
Testing Period : 19 Jul 2021 - 26 Jul 2021  
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
German Food, Articles of Daily Use and Feed Code of September 1, 2005 (LFGB), Section 30 & 31 with amendments and BfR recommendation-Overall migration	PASS

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



Reabeca Zhou  
Approved Signatory

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TSNEC2101420704



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Test Results :

Test Part Description :

Specimen No.	SGS Sample ID	Description	Material (claimed by the client)
SN1	TSN21-014207.004	black gloves	DISPOSABLE NITRILE GLOVE

Remarks :

- (1) mg/dm<sup>2</sup> = milligram per square decimeter
- (2) mg/kg = milligram per kilogram
- (3) °C= degree Celsius
- (4) < = less than
- (5) MDL = Method Detection Limit
- (6) ND = Not Detected ( < MDL)

**German Food, Articles of Daily Use and Feed Code of September 1, 2005 (LFGB), Section 30 & 31 with amendments and BfR recommendation-Overall migration**

Test Method : With reference to EN1186-1:2002 for selection of conditions and test method;  
EN1186-3:2002 aqueous food simulants by total immersion method;

<u>Simulant Used</u>	<u>Time</u>	<u>Temperature</u>	<u>Max. Permissible Limit</u>	<u>Result of 004 Overall Migration</u>	<u>Conclusion</u>
3% Acetic acid (W/V) aqueous solution	10 mins	40°C	50mg/dm <sup>2</sup>	<3.0mg/dm <sup>2</sup>	PASS

Notes :

- (1) Analytical tolerance of aqueous simulants is 2 mg/dm<sup>2</sup>
- (2) Category 1 contains commodities (articles and materials) which as a result of their intended use come into contact with foodstuffs for periods of between 24 hours and up to several months.
- (3) Category 2 contains commodities (articles and materials) that, when used as intended, come into contact with foodstuffs for no more than 24 hours.
- (4) Category 3 contains commodities (articles and materials) that, when applied as intended, come into contact with foodstuffs for no more than 10 minutes (short contact).
- (5) Special Category contains commodities intended for use as eating utensils or which may be expected to be placed in the mouth (e.g. toys).
- (6) The material category 3 was given by the client and not assessed by SGS
- (7) Report the first migration result.



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## Test Report

No. TSNEC2101420705

Date: 02 Aug 2021

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SOUTH TONGDA RD., EAST DIST. JINZHOU CITY, HEBEI  
052260, CHINA

The following sample(s) was/were submitted and identified on behalf of the clients as : DISPOSABLE NITRILE GLOVE

SGS Job No. : TP21-004980 - TJ  
Date of Sample Received : 19 Jul 2021  
Testing Period : 19 Jul 2021 - 26 Jul 2021  
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
German Food, Articles of Daily Use and Feed Code of September 1, 2005 (LFGB), Section 30 & 31 with amendments and BfR recommendation-Overall migration	PASS

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



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Approved Signatory

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## Test Report

No. TSNEC2101420705

Date: 02 Aug 2021

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Test Results :

### Test Part Description :

Specimen No.	SGS Sample ID	Description	Material (claimed by the client)
SN1	TSN21-014207.005	black gloves	DISPOSABLE NITRILE GLOVE

Remarks :

- (1) mg/dm<sup>2</sup> = milligram per square decimeter
- (2) mg/kg = milligram per kilogram
- (3) °C= degree Celsius
- (4) < = less than
- (5) MDL = Method Detection Limit
- (6) ND = Not Detected ( < MDL)

### German Food, Articles of Daily Use and Feed Code of September 1, 2005 (LFGB), Section 30 & 31 with amendments and BfR recommendation-Overall migration

Test Method : With reference to EN1186-1:2002 for selection of conditions and test method;  
EN1186-3:2002 aqueous food simulants by total immersion method;

<u>Simulant Used</u>	<u>Time</u>	<u>Temperature</u>	<u>Max. Permissible Limit</u>	<u>Result of 005 Overall Migration</u>	<u>Conclusion</u>
10% Ethanol (V/V) aqueous solution	10 mins	40°C	10mg/dm <sup>2</sup>	<3.0mg/dm <sup>2</sup>	PASS

Notes :

- (1) Analytical tolerance of aqueous simulants is 2 mg/dm<sup>2</sup>
- (2) Category 1 contains commodities (articles and materials) which as a result of their intended use come into contact with foodstuffs for periods of between 24 hours and up to several months.
- (3) Category 2 contains commodities (articles and materials) that, when used as intended, come into contact with foodstuffs for no more than 24 hours.
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- (5) Special Category contains commodities intended for use as eating utensils or which may be expected to be placed in the mouth (e.g. toys).
- (6) The material category 3 was given by the client and not assessed by SGS
- (7) Report the first migration result.



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**Test Report**

No. TSNEC2101420706

Date: 02 Aug 2021

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SHIJIAZHUANG HONGRAY GROUP CO., LTD.  
SOUTH TONGDA RD., EAST DIST. JINZHOU CITY, HEBEI  
052260, CHINA

The following sample(s) was/were submitted and identified on behalf of the clients as : DISPOSABLE NITRILE GLOVE

SGS Job No. : TP21-004980 - TJ  
Date of Sample Received : 19 Jul 2021  
Testing Period : 19 Jul 2021 - 26 Jul 2021  
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 (as specified by clients)	PASS

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

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## Test Report

No. TSNEC2101420706

Date: 02 Aug 2021

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Test Results :

### Test Part Description :

Specimen No.	SGS Sample ID	Description	Material (claimed by the client)
SN1	TSN21-014207.006	black gloves	DISPOSABLE NITRILE GLOVE

Remarks :

- (1) mg/dm<sup>2</sup> = milligram per square decimeter
- (2) mg/kg = milligram per kilogram
- (3) °C= degree Celsius
- (4) < = less than
- (5) MDL = Method Detection Limit
- (6) ND = Not Detected ( < MDL)

### Overall migration (as specified by clients)

Test Method : With reference to EN 1186-1:2002 for selection of conditions and test methods;  
or EN 1186-2:2002 olive oil by total immersion method;

Simulant Used	Time	Temperature	Max. Permissible Limit	Result of 006 Olive Oil
Olive Oil	10 mins	40°C	10mg/dm <sup>2</sup>	<3.0mg/dm <sup>2</sup>

Notes :

- (1) Analytical tolerance of fatty food simulants is 3 mg/dm<sup>2</sup>.
- (2) Test condition & simulant were specified by client.
- (3) Report the first migration result.
- (4) The maximum permissible limit is quoted from the client requirements.



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