

TECHNICAL REPORT

Allied International Trading Ltd T/a Supertouch Unit 3, Rabone Park Rabone Lane Smethwick B66 2NN United Kingdom	SATRA reference:	CHM2037702	
		2610	1
	Report ID/Issue number:	60841/1	
	Your reference:		
	Date samples received:	03/02/2026	
	Date(s) work carried out:	09/02/2026 to 17/03/2026	
	Date of report:	17/03/2026	

Testing Requirements

Determination of Overall and Specific Migration on samples described as NITRILE GLOVES against the requirements of Commission Regulation (EU) No. 10/2011 (published on 16th March 2025 incorporating 19 amendments).

This report referenced as CHM2037702 ID: 60841/1 issue 1 has been issued as a supplementary report to CHM2036377 ID: 59998/1 issue 1 dated 19/02/2026 which remains valid.

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Report Signed by:

Benjamin Vramsmo


Report Signatory

WORK REQUESTED:

Samples of gloves described as NITRILE GLOVES were received on the 3rd February 2026 for assessment in accordance with the overall and specific migration limit requirements of Commission Regulation No. 10/2011 Commission Regulation (EU) No. 10/2011 (published on 16th March 2025 incorporating 19 amendments).

SAMPLE SUBMITTED



Samples described as 12611-4 BLUE POWDER FREE NITRILE



Samples described as 12671-4 BLACK POWDER FREE NITRILE



Samples described as SDS-05511-4 BLUE 5.5G NITRILE



Samples described as SDS-05571-4 BLACK 5.5 NITRILE

CONCLUSIONS:

When tested in accordance with SATRA SOP CAT-012 based on EN 1186-3:2022 the samples described as NITRILE GLOVES were found to meet with the overall migration limit requirements for single use in Commission Regulation (EU) No. 10/2011, Article 12 when assessed against 10% ethanol and 20% ethanol for 30 minutes at 40°C.

When tested in accordance with SATRA SOP CAT-012 based on EN 1186-3:2022 the samples described as 12611-4 BLUE POWDER FREE NITRILE, SDS-05571-4 BLUE 5.5G NITRILE and SDS-05571-4 BLACK 5.5 NITRILE were found to meet with the overall migration limit requirements for single use in Commission Regulation (EU) No. 10/2011, Article 12 when assessed against 3% acetic acid for 30 minutes at 40°C.

The specific migration limits were assessed in accordance with SATRA SOP CAT-015 after extraction in 3% acetic acid for 30 minutes at 40°C and were found to meet with the requirements in Commission Regulation (EU) No. 10/2011, Annex II.

Results are given in the following tables.

TESTING REQUIRED:

- SATRA SOP CAT-012 based on EN 1186-3:2022 (Method 2 Cell) - Materials and articles in contact with foodstuffs. Plastics. Test methods for overall migration in evaporable simulants for 30 minutes at 40°C.
 - 10% Ethanol (simulant A Commission Regulation (EU) No. 10/2011)
 - 3% Acetic Acid (simulant B in Commission Regulation (EU) No. 10/2011)
 - 20% Ethanol (simulant C in Commission Regulation (EU) No. 10/2011)
- ≠SATRA SOP CAT-015 – Quantification of migrated substances in food simulants after extraction in 3% acetic acid for 30 minutes at 40°C.

RESULTS AND REQUIREMENTS:

SATRA SOP CAT-012 based on EN 1186-3:2022 (Method 2 Cell) - Materials and articles in contact with foodstuffs. Plastics. Test methods for overall migration in evaporable simulants for 30 minutes at 40°C

Sample: NITRILE GLOVES (12611-4 Blue, 12671-4 Black and SDS-05511-4 Blue combined)

Simulant	Mean Overall Migration (mg/dm ²)	UoM (%)	Pass/Fail
10% Ethanol	3.5	± 14.15	Pass
20% Ethanol	1.5	± 14.15	Pass
Requirement	≤10 mg/dm²		

This testing was reported under report referenced as CHM2036377 ID: 59998/1 issue 1 dated 19/02/2026.

Sample: 12611-4 BLUE POWDER FREE NITRILE

Simulant	Mean Overall Migration (mg/dm ²)	UoM (%)	Pass/Fail
3% Acetic acid	8.5	± 14.15	Pass
Requirement	≤10 mg/dm²		

Sample: SDS-05571-4 BLUE 5.5G NITRILE

Simulant	Mean Overall Migration (mg/dm ²)	UoM (%)	Pass/Fail
3% Acetic acid	3.0	± 14.15	Pass
Requirement	≤10 mg/dm²		

Sample: SDS-05571-4 BLACK 5.5 NITRILE

Simulant	Mean Overall Migration (mg/dm ²)	UoM (%)	Pass/Fail
3% Acetic acid	4.5	± 14.15	Pass
Requirement	≤10 mg/dm²		

Results are the mean of triplicate determinations

#SATRA SOP CAT-035 Determination of total migration into food contact materials using
#SATRA SOP CAT-015 – Quantification of migrated substances in food simulants after
extraction in 3% acetic acid for 30 minutes at 40°C.

Sample: NITRILE GLOVES (12671-4 Black, SDS-05511-4 Blue and SDS-05571-4 Black
combined)

Substance (mg/kg)	Mean specific migration (mg/kg)	Specific migration limit (mg/kg)	Pass/Fail
Aluminium	< 0.05	1	Pass
Ammonium	< 1	*	Pass
Antimony	< 0.008	0.04	Pass
Arsenic	< 0.01	ND	Pass
Barium	< 0.05	1	Pass
Cadmium	< 0.002	ND	Pass
Calcium	1.49	*	Pass
Chromium	< 0.01	ND	Pass
Cobalt	< 0.01	0.05	Pass
Copper	< 0.05	5	Pass
Iron	< 0.05	48	Pass
Lead	< 0.01	ND	Pass
Lithium	< 0.05	0.6	Pass
Magnesium	0.11	*	Pass
Manganese	< 0.05	0.6	Pass
Mercury	< 0.01	ND	Pass
Nickel	< 0.004	0.02	Pass
Potassium	0.38	*	Pass
Sodium	0.77	*	Pass
Zinc	3.63	5	Pass
Europium	< 0.01	0.05*	Pass
Gadolinium	< 0.01	0.05*	Pass
Lanthanum	< 0.01	0.05*	Pass
Terbium	< 0.01	0.05*	Pass

* Article 11(3) and Article 12 applies.

◆ The sum of individual migration of the 4 Lanthanides shall be no greater than <0.05 mg/kg

Results are the mean of triplicate determinations.

This testing was reported under report referenced as CHM2036377 ID: 59998/1 issue 1
dated 19/02/2026.

APPENDICES:

If the samples described as NITRILE GLOVES are deemed to be suitable for contact with simulants A and C after single use, they can be considered to be suitable for use with the following food categories of foodstuffs as listed in 10/2011 Annex III, table 2.

Reference number	Description of foodstuffs
01	Beverages
01.01	Non-alcoholic beverages or alcoholic beverages of an alcoholic strength lower than or equal to 6% vol: A. Clear drinks: water, ciders, clear fruit or vegetable juices of normal strength or concentrated, fruit nectars, lemonades, syrups, bitters, infusions, coffee, tea, beers, soft drinks, energy drinks and the like, flavoured water, liquid coffee extract, where the pH is greater than 4.5
01.02	Alcoholic beverages of an alcoholic strength of between 6% vol and 20%.
03	Chocolate, sugar and products thereof confectionery products
03.02	Confectionery products: B. In paste form: II. Moist
03.03	Sugar and sugar products B. Molasses, sugar syrups, honey and the like
04	Fruit, vegetables and products thereof
04.01	Fruit, fresh or chilled: B. B. peeled and/or cut if the pH is greater than 4.5
04.02	Processed fruit: C. Fruit in the form of puree, preserves, pastes or in its own juice or in sugar syrup (jams, compote, and similar products), where the pH is greater than 4.5
04.04	
04.05	Vegetables, fresh or chilled: B. B. peeled and/or cut if the pH is greater than 4.5

	Processed vegetables: C. Vegetables in the form of puree, preserves, pastes or in its own juice (including pickled and in brine), where the pH is greater than 4.5
06	Animal products and eggs
06.01	Fish: B. Preserved fish: II. In an aqueous medium
06.02	Crustaceans and molluscs (including oysters, mussels, snails): A. Fresh within the shell B. Shell removed, processed, preserved or cooked with the shell II. In an aqueous medium, where the pH is greater than 4.5
08	Miscellaneous Products
08.03	Preparations for soups, broths, sauces, in liquid, solid or powder form (extracts, concentrates); homogenised composite food preparations, prepared dishes including yeast and raising agents: B. any other form than powdered or dried: II. Other, where the pH is greater than 4.5
08.04	Sauces: A. With aqueous character, where the pH is greater than 4.5
08.07	Ice creams

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When reporting results against a conformance statement (Pass/Fail or the allocation of a class or level) then uncertainty of measurement is considered based on a non-binary acceptance which itself is based on the guard being equal to the expanded uncertainty.

Where the result corrected for uncertainty falls within the tolerance of the conformance statement then the risk of the conformance statement being a false accept or false reject is up to 2.5% and SATRA will in this instance quote a Pass/Fail, class, or level.

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