SATRA Technology Centre Ltd
Wyndham Way, Telford Way, Kettering,
Northamptonshire, NN16 8SD United Kingdom
Tel: +44 (0) 1536 410000
email: info@satra.com
www.satra.com

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TECHNICAL REPORT

Allied International Trading Ltd T/a Supertouch Unit 3, Rabone Park Rabone Lane Smethwick B66 2NN United Kingdom	SATRA reference:	CHM2036377 2606	1
	Report ID/Issue number:	59987/1	
	Your reference:		
	Date samples received:	03/02/2026	
	Date(s) work carried out:	09/02/2026 to 17/02/2026	
	Date of report:	18/02/2026	

Testing Requirements

Determination of Overall and Specific Migration on samples described as PE APRON 50 MICRON against the requirements of Commission Regulation (EU) No. 10/2011 (published on 16th March 2025 incorporating 19 amendments).

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Report Signed by:

Benjamin Vramsmo

Report Signatory

WORK REQUESTED:

Samples of Aprons described as PE APRON 50 MICRON 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).

Allied International Trading Ltd. has confirmed that this material is identical in the following styles, and therefore all results for this material apply:

- PE APRON 8 MICRON WHITE
- PE APRON 8 MICRON BLUE
- PE APRON 20 MICRON WHITE
- PE APRON 20 MICRON BLUE
- PE APRON 20 MICRON RED
- PE APRON 20 MICRON GREEN
- PE APRON 20 MICRON YELLOW
- PE APRON 30 MICRON BLUE
- PE APRON 30 MICRON RED
- PE APRON 30 MICRON GREEN
- PE APRON 100 MICRON WHITE
- PE APRON 100 MICRON BLUE
- PE APRON 100 MICRON GREEN
- E16200 ECONOMY PE DISPOSABLE OVERSLEEVES WHITE
- E16210 ECONOMY PE DISPOSABLE OVERSLEEVES BLUE
- E16220 ECONOMY PE DISPOSABLE OVERSLEEVES RED
- E16230 ECONOMY PE DISPOSABLE OVERSLEEVES GREEN
- E16240 ECONOMY PE DISPOSABLE OVERSLEEVES YELLOW
- E16600 ECONOMY PE DISPOSABLE OVERSLEEVES WHITE
- E16610 ECONOMY PE DISPOSABLE OVERSLEEVES BLUE
- E16620 ECONOMY PE DISPOSABLE OVERSLEEVES RED
- E16630 ECONOMY PE DISPOSABLE OVERSLEEVES GREEN
- E16640 ECONOMY PE DISPOSABLE OVERSLEEVES YELLOW

SAMPLE SUBMITTED

Samples described as PE APRON 50 MICRON WHITE

Samples described as PE APRON 50 MICRON BLUE

Samples described as PE APRON 50 MICRON RED

Samples described as PE APRON 50 MICRON GREEN

Samples described as PE APRON 50 MICRON YELLOW

CONCLUSIONS:

When tested in accordance with SATRA SOP CAT-011 based on EN 1186-3:2022 the samples described as PE APRON 50 MICRON 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, 3% acetic acid and 20% ethanol 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-011 based on EN 1186-3:2022 (Method 1a Total Immersion in Conventional Oven) - 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-011 based on EN 1186-3:2022 (Method 1a Total Immersion in Conventional Oven) - Materials and articles in contact with foodstuffs. Plastics. Test methods for overall migration in evaporable simulants for 30 minutes at 40°C

Sample: PE APRON 50 MICRON (WHITE, BLUE, RED, GREEN and YELLOW combined)

Simulant	Mean Overall Migration (mg/dm²)	UoM (%)	Pass/Fail	Visual observations
10% Ethanol	1.5	± 7.1	Pass	No change
3% Acetic acid	2.5	± 7.1	Pass	No change
20% Ethanol	1.5	± 7.1	Pass	No change
Requirement	***≤10 mg/dm²***			

Results are the mean of triplicate determinations.

≠SATRA SOP CAT-015 – Quantification of migrated substances in food simulants after extraction in 3% acetic acid for 30 minutes at 40°C.

Sample: PE APRON 50 MICRON (RED, GREEN and YELLOW 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	0.59	*	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	0.08	*	Pass
Manganese	< 0.05	0.6	Pass
Mercury	< 0.01	ND	Pass
Nickel	< 0.004	0.02	Pass
Potassium	0.05	*	Pass
Sodium	0.37	*	Pass
Zinc	< 0.05	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 or individual migration of the 4 Lanthanides shall be no greater than <0.05 mg/kg

Results are the mean of triplicate determinations.

APPENDICES:

If the samples described as PE APRON 50 MICRON are deemed to be suitable for contact with simulants A/B/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 B. cloudy drinks: Juices and nectars and soft drinks containing fruit pulp, musts containing fruit pulp, liquid chocolate
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. peeled and/or cut
04.02	Processed fruit: B. Fruit in the form of puree, preserves, pastes or in its own juice or in sugar syrup (jams, compote, and similar products)
04.04	Vegetables, fresh or chilled: C. peeled and/or cut
04.05	Processed vegetables: C. Vegetables in the form of puree, preserves, pastes or in its own juice

	(including pickled and in brine)
06 06.01 06.02	**Animal products and eggs** B. Preserved fish: II. In an aqueous medium 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
08 08.01 08.03 08.04 08.07	**Miscellaneous Products** Vinegar 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 Sauces: A. With aqueous character Ice creams

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Where values for uncertainty of measurement are included within the report then the uncertainty of the corresponding results are based on a standard uncertainty multiplied by a coverage factor k=2, which provides a coverage probability of approximately 95%.

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.

Where the result corrected for uncertainty falls outside of the tolerance of the conformance statement then the risk of the conformance statement being a false accept or false reject is up to 50%. In this instance SATRA will not provide a Pass/Fail statement or a class or level but will include information in the notes in relation to the result obtained.

Where a report includes results provided by a subcontracted laboratory and the subcontract lab has provided raw data results and uncertainty values then SATRA will apply the decision rules above. Where Uncertainty values have not been provided by the subcontract lab then decision rules will not be applied and SATRA will include a note to this effect clearly indicating the affected results.

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