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SATRA reference: CHM0232830/1509/CL

Your reference: PO1073

Date of report: 22<sup>nd</sup> November 2016

Samples received: 25<sup>th</sup> October 2016

For the attention of: Nik Soni

Date(s) work carried out: 10<sup>th</sup> November 2016

## TECHNICAL REPORT

Subject: Overall migration testing in accordance with BS EN 1186: 2002 and commission regulations 10/2011 on sample described as Water filter bottles

### Conditions of Issue:

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Results given in this report refer only to the samples submitted for analysis and tested by SATRA. Comments are for guidance only.

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Please note uncertainty of measurement has not been applied to the results in this report. SATRA uncertainty of measurement values are available on request.

Report signed by: Charlotte Lovell  
Position: Chemical Technologist  
Department: Chemical & Analytical Technology



## WORK REQUESTED:

Sample described as Water filter bottles were received on the 25<sup>th</sup> October 2016 for assessment in accordance with the overall migration limit requirements of Commission Regulation No. 10/2011.

## CONCLUSIONS:

When tested in accordance with BS EN 1186-9: 2002 the samples described as Water filter bottles was found to meet with the overall migration limit requirements when assessed using distilled water for 4 hours at 40 °C.

Results are given in the following tables.

## TESTING REQUIRED:

- BS EN 1186 part 9: 2002 Materials and articles in contact with foodstuffs – Plastics Test methods for overall migration into aqueous food simulants by article filling against distilled water for 4 hours at 40°C.

Distilled water was flushed through the filter in accordance with the instructions for use before the testing commenced.

## RESULTS AND REQUIREMENTS:

### Migration into aqueous food simulants by article filling

Sample	Test Method	Global migration (mg/dm <sup>2</sup> )		Mean Global migration (mg/dm <sup>2</sup> )	Pass/Fail
		A	B		
Water filter bottles	BS EN 1186-3 (Distilled Water) 4 hours @ 40°C	A	5.2	4.0	Pass
		B	<1.0		
		C	7.0		
<b>Requirement</b>	-	-	-	<b>&lt;10 mg/dm<sup>2</sup></b>	-

**APPENDICES:**



Sample described as Water filter bottles



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Issue Date: 1st October 2009