



REPORT OF ANALYSIS

Client	: MULTISTEPS PTY LTD UNIT 1 & 2 4 RICHMOND ROAD HOMEBUSH WEST NSW 2140	Job No.	: MULT16/080923
Attention	: Alex Tse	Quote No.	: QT-01559
Project Name	:	Order No.	:
Your Client Services Manager	: Tim Stobaus	Date Sampled	: 22-SEP-2008
		Date Received	: 23-SEP-2008
		Sampled By	: CLIENT
		Phone	: (03) 9644 4809

Lab Reg No.	Sample Ref	Sample Description
V08/024926	1	PVC
V08/024927	2	PET

Lab Reg No.	Sample Reference	Units	V08/024926	V08/024927		
			1	2		
Trace Elements						
Antimony	mg/kg		< 10	< 10		
Arsenic	mg/kg		< 10	< 10		
Barium	mg/kg		< 50	< 50		
Cadmium	mg/kg		< 10	< 10		
Chromium	mg/kg		< 10	< 10		
Lead	mg/kg		< 10	< 10		
Mercury	mg/kg		< 10	< 10		
Selenium	mg/kg		< 50	< 50		

V08/024926
- V08/024927

Tested in accordance to AS 2070:1999
(Plastic materials for food contact use. Resolution AP (89) 1)

The extraction was performed at 23C . The standard lists the maximum acceptable element migration from colourants in plastic materials coming into contact with food, in milligrams per kilograms of test material, as follows:

Antimony	500	Arsenic	100	Barium	100
Cadmium	100	Chromium	1000	Lead	100
Mercury	50	Selenium	100		

The analytical results for the samples submitted above comply with AS 2070: 1999

for the elements listed.

Note:

1. Results are expressed in milligram per kilogram (mg/Kg) of leachable elements in the test


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material.

2. "<" is the symbol for "less than".

Note: NMI is not NATA accredited for testing in accordance to AS 2070:1999
(Plastic materials for food contact use. Resolution AP (89) 1).



Stavros Tzardis, Analyst
Inorganics - Vic

12-NOV-2008

Lab Reg No.		V08/024926	V08/024927			
Sample Reference		1	2			
	Units					
Components						
Consulting Work		Comment	Comment			

V08/024926

V08/024926 PVC container

Examples of this article were tested for overall migration testing by a total immersion article method to determine the quantity of substances that may migrate from the sample into foodstuffs. The procedure follows AS2070-1999, "Plastic Materials for Food Contact Use", utilising performance based Standards specifications given in the EEC Directives 82/711/EEC, "The basic rules necessary for testing migration of the constituents of plastic materials and articles intended to come into contact with foodstuffs".

SIMULANT A

An example of this article was filled with distilled water (Simulant A) for 5 days at 21 degrees Celsius, to simulate contact with whole fruits fresh or chilled as per EEC Directive 85/572, "List of simulants to be used for testing migration of constituents". The simulant was subsequently evaporated to dryness and the non-volatile residue determined by gravimetry.

The quantity of non-volatile substances that migrated from this article, under these conditions, was less than 5.0 mg/L.

This residue was then taken up into solvent and analysed by Gas Chromatography with Mass Selective Detection. No Semi-Volatile Organic Compounds were detected.

SIMULANT B

An example of this article was filled with Acetic Acid in aqueous solution (3 % W/V) (Simulant B) for 5 days at 21 degrees Celsius, as per EEC Directive 85/572, "List of simulants to be used for testing migration of constituents". The simulant was subsequently evaporated to dryness and the non-volatile residue determined by gravimetry.

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The quantity of non-volatile substances that migrated from this article, under these conditions, was less than 5.0 mg/L.

This residue was then taken up into solvent and analysed by Gas Chromatography with Mass Selective Detection. No Semi-Volatile Organic Compounds were detected.

SIMULANT C

An example of this article was filled with Ethanol in aqueous solution (15 % V/V) (Simulant C) for 5 days at 21 degrees Celsius, as per EEC Directive 85/572, "List of simulants to be used for testing migration of constituents". The simulant was subsequently evaporated to dryness and the non-volatile residue determined by gravimetry.

The quantity of non-volatile substances that migrated from this article, under these conditions, was less than 5.0 mg/L.

This residue was then taken up into solvent and analysed by Gas Chromatography with Mass Selective Detection. No Semi-Volatile Organic Compounds were detected.

These results indicates that the material, as supplied, complies with AS2070-1999.

V08/024927

V08/024927 PET container

Examples of this article were tested for overall migration testing by a total immersion article method to determine the quantity of substances that may migrate from the sample into foodstuffs. The procedure follows AS2070-1999, "Plastic Materials for Food Contact Use", utilising performance based Standards specifications given in the EEC Directives 82/711/EEC, "The basic rules necessary for testing migration of the constituents of plastic materials and articles intended to come into contact with foodstuffs".

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The quantity of non-volatile substances that migrated from this article, under these conditions, was less than 5.0 mg/L.

This residue was then taken up into solvent and analysed by Gas Chromatography with Mass Selective Detection. No Semi-Volatile Organic Compounds were detected.

SIMULANT B

An example of this article was filled with Acetic Acid in aqueous solution (3 % W/V) (Simulant B) for 5 days at 21 degrees Celsius, as per EEC Directive 85/572, "List of simulants to be used for testing migration of constituents". The simulant was subsequently evaporated to dryness and the non-volatile residue determined by gravimetry.

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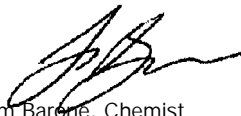
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This residue was then taken up into solvent and analysed by Gas Chromatography with Mass Selective Detection. No Semi-Volatile Organic Compounds were detected.

These results indicates that the material, as supplied, complies with AS2070-1999.



Sam Barone, Chemist
Organics - Vic

12-NOV-2008

Results relate only to the sample(s) tested.

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