



REPORT OF ANALYSIS

Client : MULTISTEPS PTY LTD UNIT 19 20 SLOUGH BUSINESS PARK (OFF RACHAEL CLOSE) SILVERWATER NSW 2128	Job No. : MULT16/231211 Quote No. : QT-02254 Order No. : Date Sampled : Date Received : 11-DEC-2023 Sampled By : CLIENT
Attention : ALEX TSE Project Name : Your Client Services Manager : Danny Slee	Phone : 02 9449 0169

Lab Reg No.	Sample Ref	Sample Description
V23/021398	PRODUCT 1	PUNNET YELLOW BASE

Lab Reg No.	Sample Reference	Units	V23/021398 PRODUCT 1	Method
Simulant 1				
Aluminium (1)		mg/kg	< 1	NT2_47
Antimony (1)		mg/kg	< 0.04	NT2_47
Arsenic (1)		mg/kg	< 0.01	NT2_47
Barium (1)		mg/kg	< 1	NT2_47
Cadmium (1)		mg/kg	< 0.002	NT2_47
Calcium (1)		mg/kg	< 0.05	NT2_47
Chromium (1)		mg/kg	< 0.01	NT2_47
Cobalt (1)		mg/kg	< 0.05	NT2_47
Copper (1)		mg/kg	< 5	NT2_47
Europium (1)		mg/kg	< 0.05	NT2_47
Gadolinium (1)		mg/kg	< 0.05	NT2_47
Iron (1)		mg/kg	< 48	NT2_47
Lanthanum (1)		mg/kg	< 0.05	NT2_47
Lead (1)		mg/kg	< 0.01	NT2_47
Lithium (1)		mg/kg	< 0.6	NT2_47
Magnesium (1)		mg/kg	< 0.05	NT2_47
Manganese (1)		mg/kg	< 0.6	NT2_47
Mercury (1)		mg/kg	< 0.01	NT2_47
Nickel (1)		mg/kg	< 0.02	NT2_47
Potassium (1)		mg/kg	< 0.5	NT2_47
Sodium (1)		mg/kg	< 0.5	NT2_47
Terbium (1)		mg/kg	< 0.05	NT2_47
Zinc (1)		mg/kg	< 5	NT2_47
Simulant 2				
Aluminium (2)		mg/kg	< 1	NT2_47
Antimony (2)		mg/kg	< 0.04	NT2_47
Arsenic (2)		mg/kg	< 0.01	NT2_47
Barium (2)		mg/kg	< 1	NT2_47
Cadmium (2)		mg/kg	< 0.002	NT2_47
Calcium (2)		mg/kg	< 0.05	NT2_47

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Sample Reference	Units	PRODUCT 1	Method
Simulant 2			
Chromium (2)	mg/kg	<0.01	NT2_47
Cobalt (2)	mg/kg	<0.05	NT2_47
Copper (2)	mg/kg	<5	NT2_47
Europium (2)	mg/kg	<0.05	NT2_47
Gadolinium (2)	mg/kg	<0.05	NT2_47
Iron (2)	mg/kg	<48	NT2_47
Lanthanum (2)	mg/kg	<0.05	NT2_47
Lead (2)	mg/kg	<0.01	NT2_47
Lithium (2)	mg/kg	<0.6	NT2_47
Magnesium (2)	mg/kg	<0.05	NT2_47
Manganese (2)	mg/kg	<0.6	NT2_47
Mercury (2)	mg/kg	<0.01	NT2_47
Nickel (2)	mg/kg	<0.02	NT2_47
Potassium (2)	mg/kg	<0.5	NT2_47
Sodium (2)	mg/kg	<0.5	NT2_47
Terbium (2)	mg/kg	<0.05	NT2_47
Zinc (2)	mg/kg	<5	NT2_47



Richard Tea, Analyst
Inorganics - NSW

25-JAN-2024

Lab Reg No.		V23/021398	
Sample Reference	Units	PRODUCT 1	Method
Simulant 1			
Ammonium (1)	mg/kg	0.028	NWD17
Simulant 2			
Ammonium (2)	mg/kg	<0.001	NWD17



Wei Huang, Analyst
Inorganics - NSW

25-JAN-2024

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Lab Reg No.		V23/021398	
Sample Reference		PRODUCT 1	
	Units		Method
Simulant 1			
Simulant Type (1)		20% Ethanol	VL413
Simulation Time (1)		10 Days	VL413
Simulation Temp (1)		20 Degree	VL413
Gravimetric (Area) (1)	mg/dm ²	< 10	VL413
Simulant 2			
Simulant Type (2)		3% Acetic Acid	VL413
Simulation Time (2)		10 Days	VL413
Simulation Temp (2)		20 Degree	VL413
Gravimetric (Area) (2)	mg/dm ²	< 10	VL413
Compliance to EU 2020/1245			
Result		Comply	VL413

V23/021398

These results indicate that the material, as supplied, does comply with European commission regulation (EU) No 10/2011 and amendment No 2020/1245 on food contact plastic materials, with respect to the stated testing procedures. The assessment is based on the criteria within the European commission regulation (EU) No 10/2011 and amendment No (EU) 2020/1245.

The regulation lists the maximum acceptable overall migration limit for general food contact plastic materials and articles shall not exceed 10mg/dm². Plastic materials and articles shall not release the following substances in quantities exceeding the specific migration limits below:

Aluminium: 1 mg/kg food or food simulant
 Antimony: 0.04 mg/kg food or food simulant
 Arsenic: ND at the level of LOR 0.01 mg/kg food or food simulant
 Barium: 1 mg/kg food or food simulant
 Cadmium: ND at the level of LOR 0.002 mg/kg food or food simulant
 Chromium: ND at the level of LOR 0.01 mg/kg food or food simulant
 Cobalt: 0.05 mg/kg food or food simulant
 Copper: 5 mg/kg food or food simulant
 Europium: 0.05 mg/kg food or food simulant
 Gadolinium: 0.05 mg/kg food or food simulant
 Iron: 48 mg/kg food or food simulant
 Lanthanum: 0.05 mg/kg food or food simulant
 Lead: ND at the level of LOR 0.01 mg/kg food or food simulant
 Lithium: 0.6 mg/kg food or food simulant
 Manganese: 0.6 mg/kg food or food simulant
 Mercury: ND at the level of LOR 0.01 mg/kg food or food simulant

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Nickel: 0.02 mg/kg food or food simulant
Terbium: 0.05 mg/kg food or food simulant
Zinc: 5 mg/kg food or food simulant

Devika Kodituwakku

Devika Kodituwakku, Analyst
Inorganics - Vic

25-JAN-2024

Results relate only to the sample(s) as received and tested.

* Denotes the analyte or test method is not within our ISO/IEC 17025 scope of accreditation.

Measurement Uncertainty is available upon request.

This Report shall not be reproduced except in full.