

REPORT

Technical Report: (5219)085-0552

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CONSUMER PRODUCTS SERVICES DIVISION

GROWING

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Date Received: MARCH 26, 2019

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KYOKO HIRATA
GROWING
#404, 1-4-45 TORIKAI, CHUO-KU,
FUKUOKA 810-0053, JAPAN

PASS

Sample Description:	7-IN-1 DECANTIERE		
Manufacturer:	HUIZHOU JINYING PLASTIC METAL MANUFACTORY DIGITAL INDUSTRIAL DISTRICT, HUIZHOU 516025, GUANG DONG, CHINA	PO No.:	N/A
Buyer:	GROWING	Style:	409115
Country of Origin:	CHINA	Country of Destination:	JAPAN
Color:	N/A	SKU No.:	N/A
Protocol No.:	N/A	UPC Code:	4897032181311
Previous Report No.:	N/A	Lot No:	N/A



RESULT(S):

- The plastic materials requirements of the applicable sections (s) of Section III Implements, Containers, and Packaging, Specifications and Standards for Foods, Food Additives, etc. Under the Food Sanitation Law of Japan, Ministry of Health and Welfare Notice No.370 of 1959, The Ministry of Health , Labour and Welfare Notice No.201 on 2006.
- The migration of synthetic chemical colors requirements of the Japanese Food Sanitation Law, Section III, “Implements, Containers, and Packaging”.

MIGRATION OF SYNTHETIC CHEMICAL COLORS REQUIREMENTS (Japanese Food Sanitation Law, Section III “Implements, Containers, and Packaging”)

Test: Observation of dissolution of color in the leaching solution

Requirement: No dissolution of color shall be observed in the leaching solution

Color / Component		Location	Style
A.	Black soft silicone rubber	Stopper	/
B.	Dull black soft Thermoplastic Rubber	Outer layer of pipes	/
C.	Black Polypropylene	Pipes	/

Leaching solution	Leaching conditions	Result		
		Sample ID		
		A.	B.	C.
Water	At 60°C, for 30 minutes	Not recognized	Not recognized	Not recognized
4% acetic acid	At 60°C, for 30 minutes	Not recognized	Not recognized	Not recognized
Heptane	At 25°C, for 1 hour	N/A	N/A	Not recognized
20% ethanol	At 60°C, for 30 minutes	Not recognized	Not recognized	Not recognized
Conclusion		Pass	Pass	Pass

Recognized = Dissolution of color is/are observed when comparing with blank leaching solution(s).
Not Recognized = Dissolution of color is/are **NOT** observed when comparing with blank leaching solution(s).
N/A = Not applicable



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- The plastic materials requirements of the applicable section(s) of the Japanese Food Sanitation Law, Section III, “Implements, Containers, and Packaging”, Subsection D. The material identification has been provided by the client/vendor.

RUBBER EXCEPT NURSING UTENSILS - SPECIFICATIONS OF PACKAGES, AND THEIR MATERIALS BY MATERIALS (Japanese Food Sanitation Law, Section III “Implements, Containers and Packages”, Subsection D.)

Reference: Specifications and Standards for Foods, Food Additives, Etc. under the Food Sanitation Law (Abstracts), 2008, Section III - Apparatus and container-packages including amendments of Ministry of Health and Welfare Ordinance No. 595, 2012.

Sample Identity	Test Component	Location	Style
A.	Black soft silicone rubber	Stopper	/

Parameter		Result	Limit	Conclusion
I) Requirement				
Material Test				
• Cadmium		LT 25 µg/g	100 µg/g	Pass
• Lead		LT 25 µg/g	100 µg/g	Pass
Elution Test	Leaching conditions			
• Heavy metals (4% Acetic acid)	At 60°C, for 30 minutes	LT 1 µg/ml	1 µg/ml	Pass
• 2-Mercaptoimidazole		-ve	-ve	Pass
• Phenol (Water)	At 60°C, for 30 minutes	LT 5 µg/ml	5 µg/ml	Pass
• Formaldehyde (Water)	At 60°C, for 30 minutes	-ve	-ve	Pass
• Zinc (4% Acetic acid)	At 60°C, for 30 minutes	LT 15 µg/ml	15 µg/ml	Pass
• Evaporation residue - Water	At 60°C, for 30 minutes	LT 5 µg/ml	60 µg/ml	Pass

+ve = Positive
-ve = Negative

LT = Less than
GT = Greater than

Note: According to the Japanese Food Sanitation Law, Section III “Equipment and Packages”, Subsection F- Standards of manufacture of equipment and packages, Paragraph 2, the synthetic chemical colors used in the manufacture of equipment or packages shall be colors listed in the Attached Table 2 of the Food Sanitation Law Enforcement Regulations (Ministry of Health and Welfare Ordinance No. 23, 1948).



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- The plastic materials requirements of the applicable section(s) of the Japanese Food Sanitation Law, Section III, “Implements, Containers, and Packaging”, Subsection D. The material identification has been provided by the client/vendor.

RUBBER EXCEPT NURSING UTENSILS - SPECIFICATIONS OF PACKAGES, AND THEIR MATERIALS BY MATERIALS (Japanese Food Sanitation Law, Section III “Implements, Containers and Packages”, Subsection D.)

Reference: Specifications and Standards for Foods, Food Additives, Etc. under the Food Sanitation Law (Abstracts), 2008, Section III - Apparatus and container-packages including amendments of Ministry of Health and Welfare Ordinance No. 595, 2012.

Sample Identity	Test Component	Location	Style
B.	Dull black soft Thermoplastic Rubber	Outer layer of pipes	/

Parameter		Result	Limit	Conclusion
I) Requirement				
Material Test				
• Cadmium		LT 25 µg/g	100 µg/g	Pass
• Lead		LT 25 µg/g	100 µg/g	Pass
Elution Test	Leaching conditions			
• Heavy metals (4% Acetic acid)	At 60°C, for 30 minutes	LT 1 µg/ml	1 µg/ml	Pass
• 2-Mercaptoimidazole		-ve	-ve	Pass
• Phenol (Water)	At 60°C, for 30 minutes	LT 5 µg/ml	5 µg/ml	Pass
• Formaldehyde (Water)	At 60°C, for 30 minutes	-ve	-ve	Pass
• Zinc (4% Acetic acid)	At 60°C, for 30 minutes	LT 15 µg/ml	15 µg/ml	Pass
• Evaporation residue - Water	At 60°C, for 30 minutes	LT 5 µg/ml	60 µg/ml	Pass

+ve = Positive
-ve = Negative

LT = Less than
GT = Greater than

Note: According to the Japanese Food Sanitation Law, Section III “Equipment and Packages”, Subsection F- Standards of manufacture of equipment and packages, Paragraph 2, the synthetic chemical colors used in the manufacture of equipment or packages shall be colors listed in the Attached Table 2 of the Food Sanitation Law Enforcement Regulations (Ministry of Health and Welfare Ordinance No. 23, 1948).



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- The plastic materials requirements of the applicable section(s) of the Japanese Food Sanitation Law, Section III, "Implements, Containers, and Packaging", Subsection D. The material identification has been provided by the client/vendor.

POLYETHYLENE (PE) AND POLYPROPYLENE (PP) - SPECIFICATIONS OF PACKAGES, AND THEIR MATERIALS BY MATERIALS (Japanese Food Sanitation Law, Section III "Implements, Containers and Packages", Subsection D.)

Reference: Specifications and Standards for Foods, Food Additives, Etc. under the Food Sanitation Law (Abstracts), 2008, Section III - Apparatus and container-packages.

Sample Identity	Test Component	Location	Style
C.	Black Polypropylene	Pipes	/

Parameter		Result	Limit	Conclusion
I) General Requirement				
Material Test				
• Cadmium		LT 25 µg/g	100 µg/g	Pass
• Lead		LT 25 µg/g	100 µg/g	Pass
Elution Test	Leaching conditions			
• Heavy metals (4% Acetic acid)	At 60°C, for 30 minutes	LT 1 µg/ml	1 µg/ml	Pass
• Consumption of potassium permanganate (KMnO ₄) (Water)	At 60°C, for 30 minutes	4.67 µg/ml	10 µg/ml	Pass
II) Individual Requirement				
• Evaporation residue				
- n-Heptane (sample used at temperature 100°C or less)	At 25°C, for 60 minutes	LT 5 µg/ml	150 µg/ml	Pass
- 20% Ethanol	At 60°C, for 30 minutes	12.3 µg/ml	30 µg/ml	Pass
- Water	At 60°C, for 30 minutes	10.4 µg/ml	30 µg/ml	Pass
- 4% Acetic acid	At 60°C, for 30 minutes	LT 5 µg/ml	30 µg/ml	Pass

LT = Less than

GT = Greater than

Note: According to the Japanese Food Sanitation Law, Section III "Equipment and Packages", Subsection F- Standards of manufacture of equipment and packages, Paragraph 2, the synthetic chemical colors used in the manufacture of equipment or packages shall be colors listed in the Attached Table 2 of the Food Sanitation Law Enforcement Regulations (Ministry of Health and Welfare Ordinance No. 23, 1948).



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NOTE: If there are questions or concerns regarding above report, please contact the appropriate lab persons.

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