

## TEST REPORT

Applicant: PAY & PAY ICE CREAM INTERNATIONAL CO LTD  
RM A 18/F TUNG LUEN INDL BLDG  
1-4 YIP SHING ST  
KWAI CHUNG NT  
HK

Number: HKGH0300392001

Date: May 19, 2023

Attn: CHING SAI KIT

Sample and Information provided by customer :  
Item Name : 抹茶低脂高蛋白質雪糕  
Quantity : 4  
\*\*\*\*\*

### Conclusion:

The submitted sample was tested under the following requirements requested by the applicant, subject to the information stated in the remark and attached page(s) for details :

<u>Requirement</u>	<u>Result</u>
(1) Microbiological testing	See details enclosed
(2) Heavy Metal content in Foodstuff	See details enclosed
(3) Nutritional Analysis	See details enclosed

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### Decision Rule(s):

When a statement of conformity to a specification or standard is provided on test report, the decision rule shall be applied. For details, please refer to Intertek's "Decision Rule Document" and is available on Intertek's website. <https://intertekhk.grd.by/decision-rule-doc..>  
If decision rule already inhered in the requested specification or standard, Intertek's "Decision Rule Document" is not applicable and indication of "∞" was shown as above table.  
\*\*\*\*\*

For and on behalf of :  
Intertek Testing Services HK Ltd.



Cindy I.K. Chan  
Vice President



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(1) Microbiological testing

Test Standard : U.S. FDA Bacteriological Analytical Manual (BAM), AOAC Official Methods by 3M Petrifilm, and other standards as shown below.  
 Aerobic colony count : BAM Ch. 3 (Jan 2001)  
 Coliform count : AOAC 986.33 (2016)  
*Escherichia coli* count : AOAC 991.14 (2016)  
*Staphylococcus aureus* count : AOAC 2003.08 (2016)  
*Listeria monocytogenes* : AOAC 2004.02 (2008)\* Vidas *Listeria monocytogenes* II (LMO2) / BAM Ch. 10 (Apr 2022)  
*Salmonella* spp. : AOAC 2004.03 (2016)\* Enzyme-linked Florescent Assay (ELFA), screening by Vidas Automated Immunoassay System / BAM Ch. 5 (Mar 2022)

Test item	Result	Conclusion
Aerobic colony count ** (CFU/g)	1,900	Pass
Coliform** (CFU/g)	<10 #	Pass
<i>Escherichia coli</i> (CFU/g)	<10 #	Satisfactory
<i>Staphylococcus aureus</i> (CFU/g)	<10 #	Satisfactory
<i>Listeria monocytogenes</i> (in 25g)	Not detected	Satisfactory
<i>Salmonella</i> spp. (in 25g)	Not detected	Satisfactory

Remark: \* Presumptive positive result may be confirmed using additional reference methods.  
 # = No colony was detected at the one-tenth dilution of the sample.  
 CFU = Colony Forming Unit

Criteria :

Test Item	Result		
	Satisfactory	Borderline	Unsatisfactory
Aerobic colony count ** (CFU/g)	≤50,000	/	/
Coliform** (CFU/g)	≤100	/	/
<i>Escherichia coli</i> (CFU/g)	<20	20 - ≤10 <sup>2</sup>	>10 <sup>2</sup>
<i>Staphylococcus aureus</i> (CFU/g)	<20	20 - ≤10 <sup>4</sup>	>10 <sup>4</sup>
<i>Listeria monocytogenes</i> (in 25g)	Not detected	N/A	Detected
<i>Salmonella</i> spp. (in 25g)	Not detected	N/A	Detected

The criteria is with reference to Microbiological Guidelines for Food (For ready-to-eat food in general and specific food items) by Hong Kong Food and Environmental Hygiene Department.

\*\* Aerobic colony count and Coliform is according to CAP 132AC Frozen Confections Regulation Section 6 - Bacteriological standard for frozen confections for sale.

Sample received condition : Sample in unopened paper container in ice box.

Date sample received : May 02, 2023  
 Testing period : May 02, 2023 to May 09, 2023



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(2) Heavy Metal Content

Test method : In-house method FC097.TP - Microwave acid digestion, followed by Inductively Coupled Plasma Mass Spectrometry (ICP-MS)

Test Item	Result (in ppm)	LOQ (ppm)
Antimony (Sb) content	ND	0.1
Arsenic (As) content	ND	0.1
Cadmium (Cd) content	ND	0.02
Chromium (Cr) content	ND	0.1
Lead (Pb) content	ND	0.02
Mercury (Hg) content	ND	0.008
Tin (Sn) content	ND	1

Remark :

ppm = parts per million or milligrams per kilogram

LOQ = Limit of Quantification

ND = Not detected

Date sample received : May 02, 2023

Testing period : May 02, 2023 to May 12, 2023



## TEST REPORT

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### (3) Nutritional Analysis

Test Method : A.O.A.C. Official Methods of Analysis 18<sup>th</sup> edition (2005) Method 950.54, 941.08, 925.10, 2001.11, 996.06, 980.13, 985.29 and 985.35.  
Protein factor used is 6.38.

#### Composition Information

<u>Test Item</u>	<u>Result</u>
Protein content	7.99 g/100g
Total fat content	2.76 g/100g
Saturated fat content	1.37 g/100g
Trans fat content	0.08 g/100g
Carbohydrates content <sup>#</sup>	12.9 g/100g
Dietary fibre content	2.04 g/100g
Total sugars content	3.20 g/100g
Sodium (Na) content	43.4 mg/100g
Moisture content	73.5 g/100g
Ash content	0.77 g/100g

#### Nutrition Information (HK)

	<u>per 100g</u>
Energy	109 kcal 459 kJ
Protein	8.0 g
Total fat	2.8 g
- Saturated fat	1.4 g
- Trans fat	0 g
Carbohydrates	12.9 g
- Sugars	3.2 g
Sodium	43 mg

#### Remark :

Energy (kcal) = (4kcal/g x Available carbohydrates) + (4kcal/g x Protein) + (9kcal/g x Fat)

Energy (kJ) = (17kJ/g x Available carbohydrates) + (17kJ/g x Protein) + (37kJ/g x Fat)

< = Less than

# = Carbohydrates content is estimated by subtracting ash, moisture, protein, fat and dietary fibre content from 100% (w/w).



# TEST REPORT

Number : HKGH0300392001

Date sample received : May 02, 2023

Testing period : May 02, 2023 to May 16, 2023

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End of report

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