Testing Report

Applicant	OMNIA TECHNOLOGIES LIMITED
Address	Unit 206B - Block 2E, Hong Kong Science and Technology Park, Pak Shek Kok, Hong Kong
Product Description	Brown Paper Pulp Chocolate Tray
Buyer	Marchesi 1824
Vendor	OMNIA TECHNOLOGIES LIMITED
Supplier	OMNIA TECHNOLOGIES LIMITED
Manufacturer	Dongguan Senyou Packaging Technology Co. Ltd
Country of Origin	China
Country of Destination	Italy
Sample Received	14.05,2026
Test Period	14.05,2026 to 25.06,2026
Test Requested	Selected test(s) as requested by applicant

The following test item(s) was/were performed on submitted samples(s) and/or component(s) confirmed by applicant.

COMPANY: Ningbo Helmsman Quality Testing Services Co., Ltd.
ADDRESS: 818 Jinyuan Road, Yinzhou District, Ningbo City, Zhejiang, China
Tel: 86-574-83028482 Postcode: 315105 Email: Report Query (testing_quality@hqts.cn)
The results set forth in this report are only indicative or representative of the quality or characteristics of the test sample unless specifically and expressly noted. Our report includes all of the tests requested by you and the results thereof based upon the information that you provided to us. You have 15 days from date of issuance of this report to notify us of any material error or omission caused by our negligence, provided, however, that such notice shall be in writing and shall specifically address the issue you wish to raise. Any copying or replication of this report to or for any other person or entity, or use of our name or trademark, is permitted only with our prior written permission.

RESULT SUMMARY

1. The tested items **complied with** Italian Ministerial Decree 21/03/1973 on the hygiene of packaging, containers and utensils intended to come into contact with foodstuffs or with substances for personal use and subsequent modifications
   - Fibrous materials **PASS**
   - Fillers **PASS**
   - Auxiliary substances: Water and Solvent insoluble matters **PASS**
   - Auxiliary substances: Water and Solvent soluble matters **PASS**
   - Total auxiliary substances (0-100%) **PASS**
   - Specific migration of Phenols and Cresols in water (espressed as phenol) **PASS**
   - Specific migration of Lead **PASS**
   - Transfer of antimicrobic constituents **PASS**
   - Sensory test **PASS**
   - Fluorescent matter **PASS**
2. Humidity **See details enclosed**
3. Determination of soluble starch **See details enclosed**
4. Determination of total starch **See details enclosed**
5. Auxiliary substances: Water soluble matters **See details enclosed**
6. Auxiliary substances: Solvent mixture ethanol-toluene(1:2) soluble matters **See details enclosed**
7. Determination of soluble resins **See details enclosed**
8. Determination of total resins and total derivatives **See details enclosed**

Reviewed By Vince Lin

Vince Lin

Approvaled By

Lance Zhang

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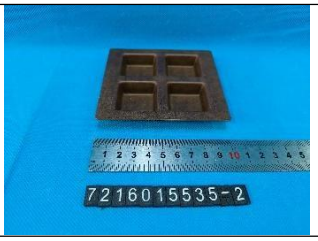
SAMPLE SOURCE/ RECEIPT DATE/ TEST DATE

Logistics Express / 14-May-2026/ 14-May-2026

THE FOLLOWING SAMPLE(S) WAS/WERE SUBMITTED

BY/ ON BEHALF OF THE CLIENTS AS

Sample Name:	Brown Paper Pulp Chocolate Tray
Manufacturer:	Dongguan Senyou Packaging Technology Co. Ltd
Country of Destination:	Italy
Country of Origin:	China
Client/Buyer:	Marchesi 1824
Vendor:	OMNIA TECHNOLOGIES LIMITED
Supplier:	OMNIA TECHNOLOGIES LIMITED

SAMPLE NO.	DESCRIPTION	PHOTOGRAPH
7216015535-2	Brown Paper Pulp Chocolate Tray	

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TEST RESULT(S)

1. Humidity
   - Test method: With reference to DM n°34 21/03/1973 SO GU n°104 20/04/1973 All IV Sez VI par 1

Test Items	Result(s) [%]	LOQ [%]
Humidity	1.20	1

2. Determination of soluble starch
   - Test method: With reference to DM n°34 21/03/1973 SO GU n°104 20/04/1973 All IV Sez VI par 3a + par 3b

Test Item(s)	Result(s) [%]	LOQ [%]
Soluble starch	0.100	0.1

3. Determination of total starch
   - Test method: With reference to DM n°34 21/03/1973 SO GU n°104 20/04/1973 All IV Sez VI par 3b

Test Item(s)	Result(s) [%]	LOQ [%]
Total starch	0.600	0.1

4. Fibrous materials
   - Test method: With reference to DM n°34 21/03/1973 SO GU n°104 20/04/1973 All IV Sez VI par 4

Test Item(s)	Result(s) [%]	Minimum Permissible Limit [%]
Fibrous materials	>97.5	>75

5. Fillers
   - Test method: With reference to DM n°34 21/03/1973 SO GU n°104 20/04/1973 All IV Sez VI par 2

Test Item(s)	Result(s) [%]	LOQ [%]	Maximum Permissible Limit [%]
Fillers	<1	1	10

6. Auxiliary substances: Water and Solvent insoluble matters
   - Test method: With reference to DM n°34 21/03/1973 SO GU n°104 20/04/1973 All IV Sez VI par 3e

Test Item(s)	Result(s) [%]	LOQ [%]	Maximum Permissible Limit [%]
Auxiliary substances: Water and Solvent insoluble matters	1.24	0.5	5

7. Auxiliary substances: Water soluble matters
   - Test method: With reference to DM n°34 21/03/1973 SO GU n°104 20/04/1973 All IV Sez VI par 3a

Test Item(s)	Result(s) [%]	LOQ [%]
Auxiliary substances: Water soluble matters	0.900	0.5

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8. Auxiliary substances: Solvent mixture ethanol-toluene(1:2) soluble matters
   - Test method: With reference to DM n°34 21/03/1973 SO GU n°104 20/04/1973 All IV Sez VI par 3c

Test Item(s)	Result(s) [%]	LOQ [%]
Auxiliary substances: Solvent mixture ethanol-toluene(1:2) soluble matters	<0.5	0.5

9. Auxiliary substances: Water and solvent soluble matters
   - Test method: With reference to DM n°34 21/03/1973 SO GU n°104 20/04/1973 All IV Sez VI par 3a + par 3b + par 3c + par 3d

Test Item(s)	Result(s) [%]	LOQ [%]	Maximum Permissible Limit [%]
Auxiliary substances: Water and solvent soluble matters	1.20	0.5	10

10. Total auxiliary substances (0-100%)
   - Test method: With reference to DM n°34 21/03/1973 SO GU n°104 20/04/1973 All IV Sez VI par 3f

Test Item(s)	Result(s) [%]	LOQ [%]	Maximum Permissible Limit [%]
Total auxiliary substances (0-100%)	1.70	0.5	15

11. Determination of soluble resins
   - Test method: With reference to DM n°34 21/03/1973 SO GU n°104 20/04/1973 All IV Sez VI par 3c + par 3d

Test Item(s)	Result(s) [%]	LOQ [%]
Soluble resins	0.100	0.05

12. Determination of total resins and total derivatives
   - Test method: With reference to DM n°34 21/03/1973 SO GU n°104 20/04/1973 All IV Sez VI par 3d

Test Item(s)	Result(s) [%]	LOQ [%]
Total resins and total derivatives	<0.05	0.05

13. Specific migration of Phenols and Cresols in water(espressed as phenol)
   - Test method: With reference to DM n°34 21/03/1973 SO GU n°104 20/04/1973 All IV Sez III p.to 7

Test Item(s)	Result(s) [mg/dm^2]	LOQ [mg/dm^2]	Maximum Permissible Limit [mg/dm^2]
Specific migration of Phenols and Cresols (espressed as phenol)	<0.01	0.01	0.2

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14. Specific migration of Lead
   - Test method: With reference to DM n° 34 21/03/1973 SO GU n° 104 20/04/1973 + DM 18/06/1979 GU n° 180 03/07/1979
   - Test condition: 3% Acetic acid, 40 °C for 24 hours

Test Item(s)	Result(s) [μg/dm²]	LOQ [μg/dm²]	Maximum Permissible Limit [μg/dm²]
Lead (Pb)	<0.5	0.5	3

Note: LOQ denotes Limit of Quantitation

15. Transfer of antimicrobic constituents
   - Test method: With reference to EN 1104: 2018 Paper and board intended to come into contact with foodstuffs- Determination of transfer of antimicrobic constituents; test organisms: Aspergillus niger ATCC 6275, Bacillus subtilis ATCC 6633

Test organism	Concentration of spores [spores /mL]	Inhibition zone area
		after 5 days
Aspergillus niger ATCC 6275	1.9×10^5	No inhibition zone

Test organism	Concentration of spores [spores /mL]	Inhibition zone area
		after 3 days
Bacillus subtilis ATCC 6633	1.6×10^4	No inhibition zone

16. Sensory test
   - Test method: With reference to EN 1230-1 and EN 1230-2.

Sample(s)	Testing parameter	Test substance	Test condition	Grading result(s)	Maximum Permissible level
7216015535-2	Transfer of taste	Chocolate	23°C for 48 hours	0	<3
	Transfer of smell	--	23°C for 24 hours	1.0	<3

Note: 1. Available grading are listed as follow:

Grading 0: No perceptible taste/smell deviation
1: Just perceptible taste/smell deviation
2: Weak taste/smell deviation
3: Clear taste/smell deviation
4: Strong taste/smell deviation

17. Fluorescent matter
   - Test method: With reference to BS EN 648:2018

Simulant Used	Test condition	Result(s)	Requirement
Vegetable oil	Procedure A: 24 h at 23°C	Grade 5	Grade 5

Note: 1. Grey Scale Rating is based on the 5-step scale of 1 to 5, where 1 is bad and 5 is good.

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Per client's request, add untested product's photo to annex:

-END OF THE TEST REPORT-

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