

# Test Report

No.: CANAF2208027205

Date: 22 Jun 2022

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Client Name : NINGBO XINQIAO CHEMICALIND CO.,LTD

Client Address : NO98 JINJIRD,BEILUNDISTRICT NINGBO CITY,ZHEJIANG PROVINCE

Sample Name : Expandable polystyrene

Manufacturer : /

Batch No. : /

Specification : E-SB

The above sample(s) and information were provided by the client.

## This report is to supersede test report CANAF2208027203

SGS Job No. : GZF22-013197(TJF22-005589) - TJ

Internal Reference No. : TJRTZ22040025;TJF22-005589

Date of Sample Received : 26 Apr 2022

Testing Period : 26 Apr 2022 - 11 May 2022

Test Requested : Selected test(s) as requested by the client.

Test Method(s) : Please refer to next page(s).

Test Result(s) : Please refer to next page(s).

Result Summary :

Test Requested	Conclusion
<b>Japan Ministry of Health and Welfare Notice No. 370 and its amendments Part III Section D for the compliance of the provisions of paragraph 1 of Article 7 and Article 10 of Japan Food Sanitation Law (Law No. 233).</b>	--
1) Plastics / Resin coating – Total Lead and Cadmium content	PASS
2) Plastics / Resin coating – Heavy metals (as Lead)	PASS
3) Plastics / Resin coating – Consumption of Potassium Permanganate	PASS
4) Polystyrene – Evaporation residue of water, 4% acetic acid, 20% ethanol and n-heptane	PASS



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Signed for and on behalf of  
SGS-CSTC Standards Technical Services Co., Ltd. Guangzhou Branch

Ivy Ren

Ivy Ren  
Approved Signatory



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Test Result(s) :

Test Part Description :

Specimen No.	SGS Sample ID	Description	Material (claimed by the client)
SN1	CAN22-080272.001	White plastic foam	PS

**Japan Ministry of Health and Welfare Notice No. 370 and its amendments Part III Section D for the compliance of the provisions of paragraph 1 of Article 7 and Article 10 of Japan Food Sanitation Law (Law No. 233)**

Method : With reference to Section III of Japan Ministry of Health and Welfare Notice No. 370 and its amendments.

## 1) Plastics / Resin Coating – Total Lead and Cadmium content

Test items	Result (µg/g)	Reporting Limit (µg/g)	Limit (µg/g)
	001		
Lead content	ND	5	100
Cadmium content	ND	5	100
Comment	PASS	--	--

Note : 1. µg/g = microgram per gram  
2. ND = Not Detected

## 2) Plastics / Resin Coating – Heavy metals (as Lead)

Test Condition : 4% acetic acid at 60°C for 30 minutes.

Test items	Result (µg/mL)	Reporting Limit (µg/mL)	Limit (µg/mL)
	001		
Heavy Metals (as Lead)	ND	1	1
Comment	PASS	--	--

Note: 1. °C = degree Celsius  
2. µg/mL = microgram per millilitre  
3. ND = Not Detected



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### 3) Plastics / Resin Coating – Consumption of Potassium Permanganate

Test Condition : Water at 60 °C for 30 minutes.

Test items	Result (µg/mL)	Reporting Limit (µg/mL)	Limit (µg/mL)
	001		
Consumption of Potassium Permanganate	ND	5	10
Comment	PASS	--	--

Note: 1. °C = degree Celsius  
2. µg/mL = microgram per millilitre  
3. ND = Not Detected

### 4) Polystyrene – Evaporation residue of water, 4% acetic acid, 20% ethanol and n-heptane

Simulant Used	Test Condition	Evaporation residue (µg/mL)	Reporting Limit (µg/mL)	Limit (µg/mL)
		001		
Water	30 minutes at 60 °C	ND	10	30
4% Acetic Acid	30 minutes at 60 °C	ND	10	30
20% Ethanol	30 minutes at 60 °C	ND	10	30
n-Heptane	60 minutes at 25 °C	ND	10	240
Comment	--	PASS	--	--

Note: 1. °C = degree Celsius  
2. µg/mL = microgram per millilitre  
3. ND = Not Detected

This report updates Sample Name and Specification.



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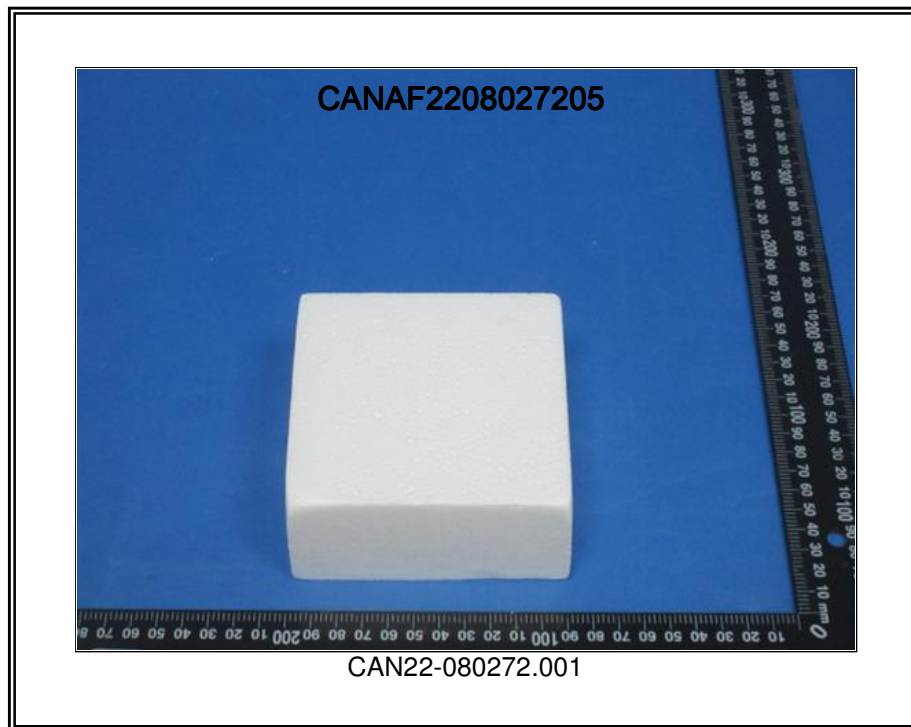
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Sample photo:



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\*\*\* End of Report \*\*\*



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