

## Test Report

No. CANEC2200847901

Date: 21 Jan 2022

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SHENZHEN ESUN INDUSTRIAL CO., LTD .

WUHAN UNIVERSITY BUILDING A403-I AND A901, NO.6 YUEXING 2 ROAD, NANSHAN DISTRICT,  
SHENZHEN, CHINA

The following sample(s) was/were submitted and identified on behalf of the clients as : polylactic acid coated paper

SGS Job No. : 10004898 - CQ  
Material : polylactic acid  
Country of Destination : China  
Date of Sample Received : 13 Jan 2022  
Testing Period : 13 Jan 2022 - 21 Jan 2022  
Test Requested : Selected test(s) as requested by client.  
Test Method : Please refer to next page(s).  
Test Results : Please refer to next page(s).

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

**Kim Cai**

Kim Cai  
Approved Signatory

scan to see the report



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SGS-CSTC Standards Technical Services Co., Ltd.  
Guangzhou Branch Testing Center Chemical Laboratory.

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Result Summary :

Test Requested	Comments
Residual Phthalates	See Results
Specific Migration of BPA	See Results
Specific Migration of acrylamide	See Results



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Test Results :

Test Part Description :

Specimen No.	SGS Sample ID	Description	Material (claimed by the client)
SN1	CAN22-008479.001	White paper w/ transparent plastic film	Paper+PLA

Residual Phthalates

Test Method : GB 31604.30-2016.

Test Item(s)	CAS NO.	Unit	RL	001
Dibutyl Phthalate(DBP)	84-74-2	mg/kg	5.00	ND
Diisobutyl Phthalate(DIBP)	84-69-5	mg/kg	5.00	ND
Bis(2-ethylhexyl) phthalate (DEHP)	117-81-7	mg/kg	5.00	ND
Diallyl phthalate(DAP)	131-17-9	mg/kg	5.00	ND
Benzylbutyl Phthalate(BBP)	85-68-7	mg/kg	5.00	ND
Di-n-octyl phthalate(DnOP)	117-84-0	mg/kg	5.00	ND
Di-n-hexyl phthalate(DnHP/DHXP)	84-75-3	mg/kg	5.00	ND
Dimethyl Phthalate (DMP)	131-11-3	mg/kg	5.00	ND
Diethyl Phthalate (DEP)	84-66-2	mg/kg	5.00	ND
Dipentyl Phthalate (DPP)	131-18-0	mg/kg	5.00	ND
Dicyclohexyl Phthalate(DCHP)	84-61-7	mg/kg	5.00	ND
Di-n-nonyl Phthalates (DNP)	84-76-4	mg/kg	5.00	ND
Diphenyl Phthalate(DPhP)	84-62-8	mg/kg	5.00	ND
Di methoxyethyl Phthalate (DMEP)	117-82-8	mg/kg	5.00	ND
Bis(4-methyl-2-pentyl) Phthalate (BMPP)	146-50-9	mg/kg	5.00	ND
Bis(2-ethoxyethyl) Phthalate (DEEP)	605-54-9	mg/kg	5.00	ND
Bis(2-n-butoxyethyl) Phthalate (DBEP)	117-83-9	mg/kg	5.00	ND
Diisononyl Phthalate (DINP)	28553-12-0	mg/kg	50.0	ND

Notes :

1. mg/kg = milligram per kilogram
2. RL = Report Limit
3. ND= Not Detected(less than RL)



### Specific Migration of BPA

Test Method : GB 31604.10-2016.

Simulant Used : 4% Acetic acid (V/V)

Test Condition : 70 °C 2.0 hr(s)

<u>Test Item(s)</u>	<u>Unit</u>	<u>RL</u>	<u>001</u>
Migration times	-	-	1st
Area/Volume	dm <sup>2</sup> /kg	-	6.0
BPA	mg/kg	0.10	ND

Notes :

1. mg/kg = milligram per kilogram of foodstuff in contact with
2. RL = Report Limit
3. ND= Not Detected(less than RL)

### Specific Migration of acrylamide

Test Method : GB 31604.18-2016.

Simulant Used : 4% Acetic acid (V/V)

Test Condition : 70 °C 2.0 hr(s)

<u>Test Item(s)</u>	<u>Unit</u>	<u>RL</u>	<u>001</u>
Migration times	-	-	1st
Area/Volume	dm <sup>2</sup> /kg	-	6.0
Acrylamide	mg/kg	0.03	ND

Notes :

1. mg/kg = milligram per kilogram of foodstuff in contact with
2. RL = Report Limit
3. ND= Not Detected(less than RL)



Sample photo:



SGS authenticate the photo on original report only

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

