

Test Report No. 5531639

Date : 29-Mar-2023

Page 1 of 5

**Client : SIAM PULP MOLD PACKING CO.,LTD
75/3 MOO.1
KHLONGKHUT BANPHO Chachoengsao 24140 Thailand**

The following sample(s) was/were submitted and identified by client as:

Sample Name : PAPER EGG TRAY
 Sample Description : PAPER EGG TRAY
 Tested Basic : PAPER EGG TRAY 10 BUBBLES
 Sample/Model No.
 Client Reference : PAPER CUP TRAY 2 CUP
 Information
 Country of Origin : THAILAND

The following sample(s) was/were identified by SGS as:

SGS Sample No. : 5799157
 Sample Condition : As per attached photograph.
 Quantity Submitted : 4 pcs
 Sample Receiving Date : 23-Mar-2023
 Testing Period : 24-Mar-2023 to 29-Mar-2023

Test Requested : In accordance with the RoHS Directive 2011/65/EU (Annex II) [amended by Directive (EU) 2015/863] .Selected test (s) as requested by client.

Test Method : (1) Inhouse method: SOP no. LBCC-19015 based on IEC-62321-5 edition 1.0:2013-6 for Lead content, Analyzed by ICP-OES. Microwave digestion method
 (2) Inhouse method: SOP no. LBCC-19015 based on IEC-62321-5 edition 1.0:2013-6 for Cadmium content, Analyzed by ICP-OES. Microwave digestion method
 (3) Inhouse method: SOP no. LBCC-19015 based on IEC-62321-4 edition 1.1:2017-07 for Mercury Content, Analyzed by ICP-OES.
 (4) Inhouse method LBCC-19018 based on IEC-62321-7-2 edition 1.0:2017-03, determination of Hexavalent Chromium by Colorimetric Method. and/or Inhouse method LBCC-19015 based on IEC-62321-5 edition 1.0:2013-6, determination of Chromium

Test Results : Please refer to next page.

**Signed for and on behalf of
SGS (Thailand) Ltd.**

**Anchalee Wunnaphuek
Acting – RSTS Lab Manager**

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5233352

Test Report No. 5531639

Date : 29-Mar-2023

Page 2 of 5

TEST RESULTS

Test results by chemical method (Unit: mg/kg)

Test Item (s):	Method (Refer to)	Result (1)	MDL	RoHS Limit
Lead (Pb)	(1)	n.d.	2	1000
Cadmium (Cd)	(2)	n.d.	2	100
Mercury (Hg)	(3)	n.d.	2	1000
Hexavalent Chromium (Cr(VI))	(4)	n.d.	8	1000

Test Part Description
Result (1) brown paper

Note :

- (a) mg/kg = ppm ; 0.1wt% = 1000 ppm
- (b) n.d. = Not Detected (<MDL)
- (c) MDL = Method Detection Limit
- (d) The result of Hexavalent Chromium (Cr(VI)) is "ND" as the result of Chromium (Cr) is "ND", and confirmation test of Hexavalent Chromium (Cr(VI)) is not required.
- (e) If the Chromium (Cr) content is greater than the MDL of Hexavalent Chromium (Cr(VI)), confirmation test of Hexavalent Chromium (Cr(VI)) is required.
- (f) Test done on client submitted sample

Remarks :

- (1) The maximum permissible limit is quoted from RoHS Directive (EU) 2015/863.
- (2) IEC 62321 series is equivalent to EN 62321 series.
https://www.cenelec.eu/dyn/www/f?p=104:30:1742232870351101:::FSP_ORG_ID,FSP_LANG_ID:1258637,25
- (3) The restriction of DEHP, BBP, DBP and DIBP shall apply to medical devices, including in vitro medical devices, and monitoring and control instruments, including industrial monitoring and control instruments, from 22 July 2021

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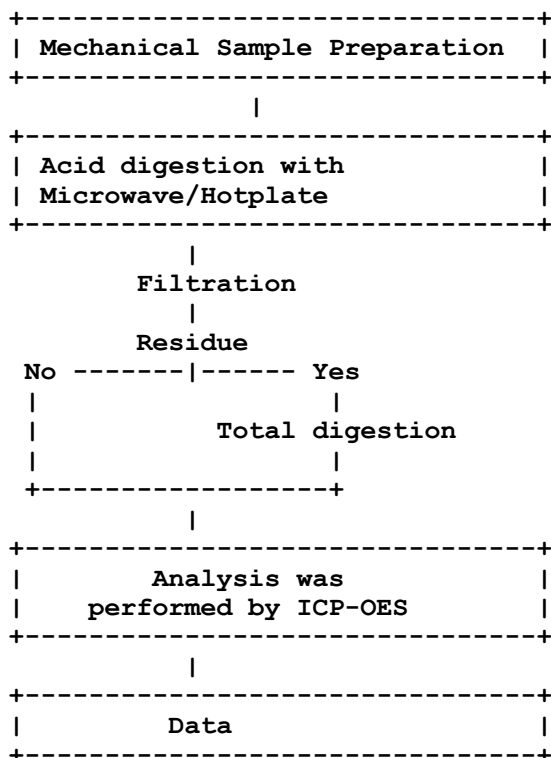
Test Report No. 5531639

Date : 29-Mar-2023

Page 3 of 5

Flow chart of Pb,Cd,Hg Testing

(Test method : IEC 62321)



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5233352

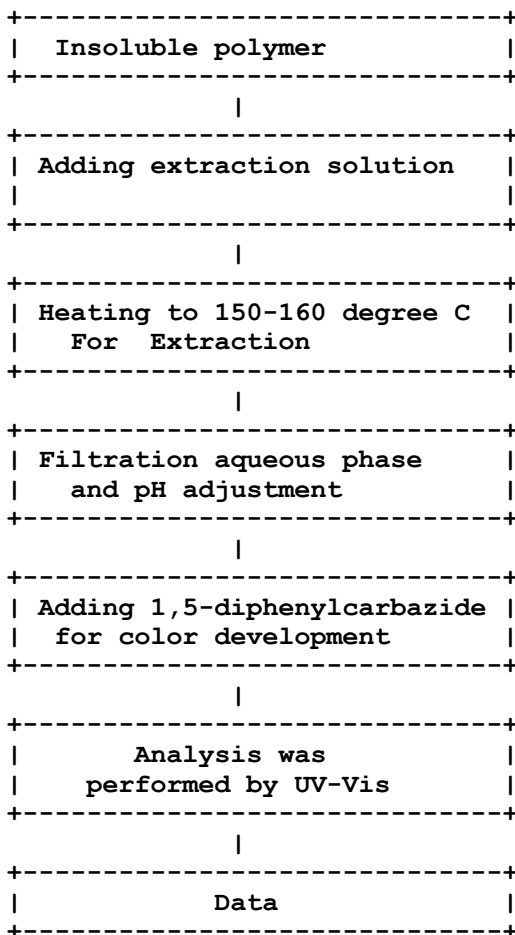
Test Report No. 5531639

Date : 29-Mar-2023

Page 4 of 5

Flow chart of Hexavalent Chromium Testing

(Test method : IEC 62321)



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5233352

Test Report No. 5531639

Date : 29-Mar-2023

Page 5 of 5

SAMPLE/ATTACHMENT PICTURE



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

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