

Test Report

No.: HTF26200062M01

DATE: 2026/02/11

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HUANG GUAN SPECIAL PRINTERY CO., LTD.

NO. 58, YONGYI RD., TAIPING DIST., TAICHUNG CITY 411001, TAIWAN (R.O.C.)

The following sample(s) was/were submitted and identified by/on behalf of the applicant as :

Sample Description : FOOD GRADE PAPER CUP
Sample Package/Quantity : BULK PACKAGING / -
Sample Packaging : AMBIENT TEMP.
Style/Item No. : A1Q0081-1.A1Q0018-1.A10091.A10087.A10086.A10085.A10084.A10083.
A10081-1.A10080-2.A10078-2.A10077-1.A10050-1.A10049-1.
A10047-3G06601.C10130.C10127-7C05202.C10127-7C05201.C10127-7.
C10122-3.C10122-2.C10112-2.C10112-1.C10111-3.C10111-2.C10110-3.
C10110-2.C10107-1.C10104-1.C10100-1.D10203-1.D10202-2.D10201-1.
E10308-1.E10304-2.E10301-3.E10302-1.E1Q0370-3.E10303-1

Lot. No. : -
Sample Material : KRAFT PAPER+COATED PE
Sample Submitted By : HUANG GUAN SPECIAL PRINTERY CO., LTD.
Company Add/Tel/Contact Person : NO. 58, YONGYI RD., TAIPING DIST., TAICHUNG CITY 411001, TAIWAN (R.O.C.) /
04-22796419 / 董淇珍
Manufacturing Date : 2026.1.2
Expiry Date : 2028.1.1
Country of Origin : TAIWAN

=====
Sample Receiving Date : 2026/02/02
Testing Period : 2026/02/02 to 2026/02/11

Test Requested

- (1) According to Sanitation Standard for Food Utensils, Containers and Packages (MOHW Food No. 1111303439, amended on 2023/01/11) to conduct test. Please refer to the result table(s) for testing item(s).
- (2) According to Act Governing Food Sanitation Article 26 (amended and promulgated on 2019/06/12) to conduct test. Please refer to the result table(s) for testing item(s).

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

Singh Hsiao
Singh Hsiao / Asst. Manager
Signed for and on behalf of
SGS TAIWAN LTD.
Chemical Laboratory - Taipei



PIN CODE: 226DAEC9

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NO. 58, YONGYI RD., TAIPING DIST., TAICHUNG CITY 411001, TAIWAN (R.O.C.)

Test Part Description

No.1 : PAPER CONTAINER
 No.2 : PAPER CONTAINER (FOOD CONTACT SIDE)

Test Result(s)

(1)

Test Item(s)	Method	Unit	LOQ/ LOD	Result		Limit
				No.1	No.2	
★Fluorescent Brightening Agents	Methods of Test for Food Utensils, Containers and Packages - Test of Plastic Coated Paper Products (MOHW Food No. 1131900762 announced, May 07, 2024).	-	-	Not detected	---	Negative
★Potassium permanganate consumption-(water, 95°C, 30 min)	Methods of Test for Food Utensils, Containers and Packages - Test of Polyethylene (PE) Plastic Products (MOHW Food No. 1071901780 announced, September 17, 2018).	ppm	3	---	n.d.	10
★Evaporation residue-(water, 95°C, 30 min)		ppm	3	---	n.d.	30
★Heavy metal (as Pb)-(4% acetic acid, 95°C, 30 min)		ppm	-	---	<1	1
★Evaporation residue-(4% acetic acid, 95°C, 30 min)		ppm	3	---	n.d.	30
★Evaporation residue-(n-Heptane, 25°C, 1 hr)		ppm	3	---	n.d.	150 (*2)
★Evaporation residue-(20% ethanol, 60°C, 30 min)		ppm	3	---	n.d.	30
★DEHP (Di-(2-ethylhexyl) phthalate) (CAS No.: 117-81-7) (n-Heptane, 25°C, 1 hr)	Methods of Test for Food Utensils, Containers and Packages - Test of Plastics (MOHW Food No. 1071901983 announced, October 04, 2018).	ppm	0.05	---	n.d.	1.5
★DBP (Di-n-butyl phthalate) (CAS No.: 84-74-2) (n-Heptane, 25°C, 1 hr)		ppm	0.05	---	n.d.	0.3
★BBP (Butyl Benzyl phthalate) (CAS No.: 85-68-7) (n-Heptane, 25°C, 1 hr)		ppm	0.05	---	n.d.	30

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NO. 58, YONGYI RD., TAIPING DIST., TAICHUNG CITY 411001, TAIWAN (R.O.C.)

(1)

Test Item(s)	Method	Unit	LOQ/ LOD	Result		Limit
				No.1	No.2	
★DIDP (Diisodecyl phthalate) (CAS No.: 26761-40-0; 68515-49-1) (n-Heptane, 25°C, 1 hr)	Methods of Test for Food Utensils, Containers and Packages - Test of Plastics (MOHW Food No. 1071901983 announced, October 04, 2018).	ppm	0.5	---	n.d.	9
★DINP (Diisononyl phthalate) (CAS No.: 28553-12-0; 68515-48-0) (n-Heptane, 25°C, 1 hr)		ppm	0.5	---	n.d.	9
★DEHA (Di-2-ethylhexyl Adipate) (CAS No.: 103-23-1) (n-Heptane, 25°C, 1 hr)		ppm	0.05	---	n.d.	18
Lead (Pb)	Methods of Test for Food Utensils, Containers and Packages - Test of Polyethylene (PE) Plastic Products (MOHW Food No. 1071901780 announced, September 17, 2018). Remark: The test method was applied to the material out of the scope from MOHW accreditation.	ppm	5	n.d.	---	100
Cadmium (Cd)		ppm	0.5	n.d.	---	100
DEHP (Di-(2-ethylhexyl) phthalate) (CAS No.: 117-81-7)	CNS 15138-1 Z8139-1 Method of test for determination of phthalates plasticizers in plastic products - Part 1: Gas chromatography/mass spectrometry. Remark: The test method was applied to the material out of the scope from MOHW accreditation.	%	0.003	n.d.	---	0.1
DBP (Di-n-butyl phthalate) (CAS No.: 84-74-2)		%	0.003	n.d.	---	0.1
BBP (Butyl Benzyl phthalate) (CAS No.: 85-68-7)		%	0.003	n.d.	---	0.1
DIDP (Diisodecyl phthalate) (CAS No.: 26761-40-0; 68515-49-1)		%	0.01	n.d.	---	0.1
DINP (Diisononyl phthalate) (CAS No.: 28553-12-0; 68515-48-0)		%	0.01	n.d.	---	0.1
DMP (Dimethyl phthalate) (CAS No.: 131-11-3)		%	0.003	n.d.	---	0.1
DNOP (Di-n-octyl phthalate) (CAS No.: 117-84-0)		%	0.003	n.d.	---	0.1
DEP (Diethyl phthalate) (CAS No.: 84-66-2)		%	0.003	n.d.	---	0.1

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NO. 58, YONGYI RD., TAIPING DIST., TAICHUNG CITY 411001, TAIWAN (R.O.C.)

(2)

Test Item(s)	Method	Unit	LOQ/ LOD	Result		Limit
				No.1	No.2	
★Heat Tolerance (95°C, 1 h)	Methods of Test for Labeling Conformance of Heat Tolerance of Plastic Food Utensils, Containers and Packages (MOHW Food No. 1061902219 announced, November 13, 2017).	-	-	No appearance change	---	No appearance change

Note:

- The test report merely reflects the test results of the consigned matters of the client and is not a certification of the legitimacy of the related products.**
- All contents in the test report are conducted according to the customer-specified items. If there is any falsehood, we are willing to take corresponding responsibility.
- The report is invalid if it is partly reproduced or used.
- mg/kg = ppm ; 0.1wt% = 1000 ppm
- LOQ = Limit of Quantification, for quantitative analyses; LOD = Limit of Detection, for qualitative analyses.
- n.d. = Not Detected = Less than LOQ/LOD = Negative
- "-" = No Regulated
- "---" = No Conducted
- Negative = Undetectable / Positive = Detectable
- (*2): For the products which are heated to not higher than 100°C during food processing and cooking.
- The test method marked with ★ is accredited by MOHW.
- The limit value(s) is/are according to "Sanitation Standard for Food Utensils, Containers and Packages (MOHW Food No. 1111303439 amended on 2023/01/11)", Ministry of Health and Welfare of Taiwan.
- The limit value(s) is/are according to " Act Governing Food Sanitation Article 26 (amended and promulgated on 2019/06/12)", Ministry of Health and Welfare of Taiwan.
- This is the additional test report of HTF26200062. The additional test report is issued on 2026/02/11.

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* The tested sample / part is marked by an arrow if it's shown on the photo. *

HTF26200062



HTF26200062 NO.1



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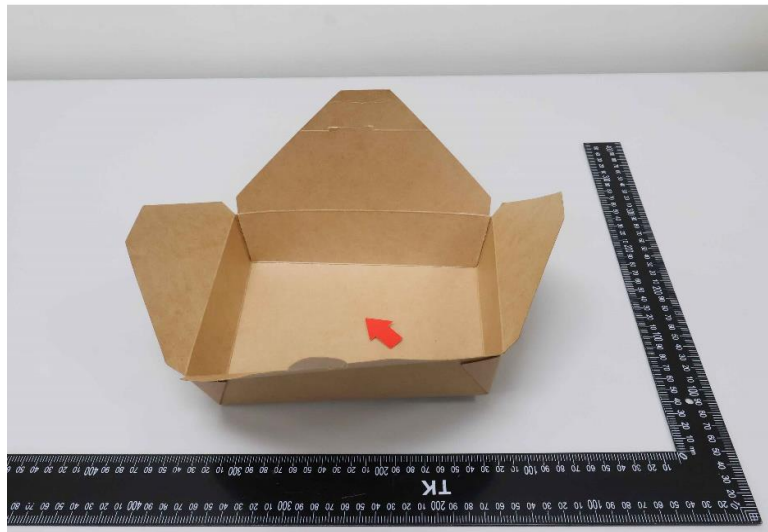
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HUANG GUAN SPECIAL PRINTERY CO., LTD.

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**** End of Report ****

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HUANG GUAN SPECIAL PRINTERY CO., LTD.

NO. 58, YONGYI RD., TAIPING DIST., TAICHUNG CITY 411001, TAIWAN (R.O.C.)

The information requested from client is shown as below :

HTF26200062M01

Test Items	Method	LOQ/LOD
★Fluorescent Brightening Agents	Methods of Test for Food Utensils, Containers and Packages - Test of Plastic Coated Paper Products (MOHW Food No. 1131900762 announced, May 07, 2024).	Please refer to the result table above.
★Potassium permanganate consumption-(water, 95°C, 30 min)	Methods of Test for Food Utensils, Containers and Packages - Test of Polyethylene (PE) Plastic Products (MOHW Food No. 1071901780 announced, September 17, 2018).	
★Evaporation residue-(water, 95°C, 30 min)		
★Heavy metal (as Pb)-(4% acetic acid, 95°C, 30 min)		
★Evaporation residue-(4% acetic acid, 95°C, 30 min)		
★Evaporation residue-(n-Heptane, 25°C, 1 hr)		
★Evaporation residue-(20% ethanol, 60°C, 30 min)		
★DEHP (Di-(2-ethylhexyl) phthalate) (CAS No.: 117-81-7) (n-Heptane, 25°C, 1 hr)	Methods of Test for Food Utensils, Containers and Packages - Test of Plastics (MOHW Food No. 1071901983 announced, October 04, 2018).	
★DBP (Di-n-butyl phthalate) (CAS No.: 84-74-2) (n-Heptane, 25°C, 1 hr)		
★BBP (Butyl Benzyl phthalate) (CAS No.: 85-68-7) (n-Heptane, 25°C, 1 hr)		
★DIDP (Diisodecyl phthalate) (CAS No.: 26761-40-0; 68515-49-1) (n-Heptane, 25°C, 1 hr)		

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The information requested from client is shown as below :

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Test Items	Method	LOQ/LOD
★DINP (Diisononyl phthalate) (CAS No.: 28553-12-0; 68515-48-0) (n-Heptane, 25°C, 1 hr)	Methods of Test for Food Utensils, Containers and Packages - Test of Plastics (MOHW Food No. 1071901983 announced, October 04, 2018).	Please refer to the result table above.
★DEHA (Di-2-ethylhexyl Adipate) (CAS No.: 103-23-1) (n-Heptane, 25°C, 1 hr)		
Lead (Pb)	Methods of Test for Food Utensils, Containers and Packages - Test of Polyethylene (PE) Plastic Products (MOHW Food No. 1071901780 announced, September 17, 2018). Remark: The test method was applied to the material out of the scope from MOHW accreditation.	
Cadmium (Cd)		
DEHP (Di-(2-ethylhexyl) phthalate) (CAS No.: 117-81-7)	CNS 15138-1 Z8139-1 Method of test for determination of phthalates plasticizers in plastic products - Part 1: Gas chromatography/mass spectrometry. Remark: The test method was applied to the material out of the scope from MOHW accreditation.	
DBP (Di-n-butyl phthalate) (CAS No.: 84-74-2)		
BBP (Butyl Benzyl phthalate) (CAS No.: 85-68-7)		
DIDP (Diisodecyl phthalate) (CAS No.: 26761-40-0; 68515-49-1)		
DINP (Diisononyl phthalate) (CAS No.: 28553-12-0; 68515-48-0)		
DMP (Dimethyl phthalate) (CAS No.: 131-11-3)		
DNOP (Di-n-octyl phthalate) (CAS No.: 117-84-0)		
DEP (Diethyl phthalate) (CAS No.: 84-66-2)		

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The information requested from client is shown as below :

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Test Items	Method	LOQ/LOD
★Heat Tolerance (95°C, 1 h)	Methods of Test for Labeling Conformance of Heat Tolerance of Plastic Food Utensils, Containers and Packages (MOHW Food No. 1061902219 announced, November 13, 2017).	Please refer to the result table above.

The test method marked with ★ is accredited by MOHW.