



Test Report

No.: SHHL2108046271OT

Date: AUG 25, 2021

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SHANGHAI CAIWEI PACKAGING MATERIALS CO., LTD.
NO.151 RD., MINCUN, FENGXIAN DISTRICT, SHANGHAI

Sample Description : PE BAG
 Style No. : 710*435, 510*435

 Sample Receiving Date : AUG 17, 2021
 Testing Period : AUG 17, 2021 TO AUG 23, 2021
 Test Requested : SELECTED TEST(S) AS REQUESTED BY APPLICANT
 Conclusion : THE SUBMITTED SAMPLE MET THE TEST REQUIREMENT

Signed for and on behalf of
SGS-CSTC Standards Technical Services (Shanghai) Co., Ltd.



Geng Lu
Authorized Signatory



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Testing Center Floor

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Test Conducted:

Test Part Description :

Specimen No.	SGS Sample ID	Description
SN1	SHA21-177998.001	Translucent plastic bag with black(Big) + Translucent plastic bag With black(Small)
SN2	SHA21-177998.002	Translucent plastic bag with black(Big)
SN3	SHA21-177998.003	Translucent plastic bag with black(Small)

Remarks :

- (1) 1 mg/kg = 0.0001%
- (2) MDL = Method Detection Limit
- (3) ND = Not Detected (< MDL)
- (4) "-" = Not Regulated

US Model Toxics in Packaging Legislation (TPCH: Toxics in Packaging Clearing House) – Total Lead, Cadmium, Mercury and Hexavalent Chromium content

Test Method : With reference to SHTC-CHEM-SOP-10-T. Analysis of Cadmium, Lead, Mercury were performed by ICP-OES. Analysis of Hexavalent Chromium (Cr (VI)) was performed by UV-Vis.

Test Item(s)	Limit	Unit	MDL	001
Cadmium (Cd)	-	mg/kg	5	ND
Lead (Pb)	-	mg/kg	5	ND
Mercury (Hg)	-	mg/kg	5	ND
Hexavalent Chromium (CrVI)	-	mg/kg	8	ND
Total (Cd+ Pb + Hg + CrVI)	100	mg/kg	-	ND

Conclusion

PASS

Notes :

- (1) The TPCH legislation has been enacted by California, Connecticut, Florida, Georgia, Illinois, Iowa, Maine, Maryland, Minnesota, Missouri, New Hampshire, New Jersey, New York, Pennsylvania, Rhode Island, Vermont, Virginia, Washington and Wisconsin.



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US Model Toxics in Packaging Legislation (TPCH: Toxics in Packaging Clearing House) – Total Fluorine Screening for Perfluoroalkyl and Polyfluoroalkyl Substances (PFASs) Content

Test Method : With reference to EN 14582:2016, analysis was performed by IC.

Test Item(s)	Limit	Unit	MDL	002	003
PFASs (expressed as Fluorine)	★	mg/kg	50	ND	ND
Conclusion					PASS

Notes :

(1) ★ = Prohibited

(2) The TPCH defines Perfluoroalkyl and Polyfluoroalkyl Substances (PFAS) as a class of chemical.

There is no official list of PFAS from TPCH. Conclusion is made based on the total Fluorine test which is agreed by the client.

US Model Toxics in Packaging Legislation (TPCH: Toxics in Packaging Clearing House) – Phthalates content

Test Method : With reference to CPSC-CH-C1001-09.4(2018), analysis was performed by GC-MS.

Test Item(s)	CAS NO.	Limit	Unit	MDL	001
Dibutyl Phthalate (DBP)	84-74-2	-	mg/kg	50	ND
Benzylbutyl Phthalate (BBP)	85-68-7	-	mg/kg	50	ND
Bis-(2-ethylhexyl) Phthalate (DEHP)	117-81-7	-	mg/kg	50	ND
Diisononyl Phthalate (DINP)	28553-12-0 /68515-48-0	-	mg/kg	50	ND
Di-n-octyl Phthalate (DNOP)	117-84-0	-	mg/kg	50	ND
Diisodecyl Phthalate (DIDP)	26761-40-0 /68515-49-1	-	mg/kg	50	ND
Di-n-hexyl Phthalate (DnHP)	84-75-3	-	mg/kg	50	ND
Dimethyl Phthalate (DMP)	131-11-3	-	mg/kg	50	ND
Diethyl Phthalate (DEP)	84-66-2	-	mg/kg	50	ND
Dipropyl Phthalate (DPrP)	131-16-8	-	mg/kg	50	ND
Diisobutyl Phthalate (DIBP)	84-69-5	-	mg/kg	50	ND
Di-n-pentylphthalate (DnPP)	131-18-0	-	mg/kg	50	ND
Dicyclohexyl Phthalate (DCHP)	84-61-7	-	mg/kg	50	ND
Diisooctyl Phthalate (DiOP)	27554-26-3	-	mg/kg	50	ND
Dimethoxyethyl Phthalate (DMEP)	117-82-8	-	mg/kg	50	ND



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Test Item(s)	CAS NO.	Limit	Unit	MDL	001
Diisopentylphthalate (DIPP)	605-50-5	-	mg/kg	50	ND
n-Pentyl iso-pentyl phthalate (iPnPP)	776297-69-9	-	mg/kg	50	ND
Diisoheptyl phthalate (DIHP)	71888-89-6	-	mg/kg	50	ND
1,2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters (DHNUP)	68515-42-4	-	mg/kg	50	ND
1,2-Benzenedicarboxylic acid, dipentylester, branched and linear(DPP)	84777-06-0	-	mg/kg	50	ND
1,2-Benzenedicarboxylic, dihexyl ester, branched and linear(DHP)	68515-50-4	-	mg/kg	50	ND
Di-iso-hexylphthalate (DIHxP)	71850-09-4	-	mg/kg	50	ND
1,2-benzenedicarboxylic acid, di-C6-10-alkyl esters;	68515-51-5	-	mg/kg	50	ND
1,2-benzenedicarboxylic acid, mixed decyl and hexyl and octyl diesters with $\geq 0.3\%$ of dihexyl phthalate	/68648-93-1				
Total Phthalates		100	mg/kg	-	ND
Conclusion					PASS

Notes :

(1) The TPCH defines ortho-phthalates as a class of chemical. There is no official list of ortho-phthalates from TPCH. Conclusion is made based on the tested 26 ortho-phthalate substances which is agreed by the client.

Remark: Test was conducted on composite of random parts of the item as per client's request.

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Sample photo:



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End of Report



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