

Test Report No. 5935047

Date : 3-Jul-2024

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Client : Prepack Thailand Co., Ltd.
30/145,Moo1,
Khok Kham, Muang Samutsakhon, Samut Sakorn 74000 Thailand

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

Sample Name : PET/ALU/LLDPE
Sample Description : Plastic bag
Manufacturer/Vendor : PREPACK THAILAND CO., LTD.
Country of Origin : Thailand

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

SGS Sample No. : 6247481
Sample Condition : Sample is contained in a plastic bag.
Quantity Submitted : 1 pack
Sample Receiving Date : 27-Jun-2024
Testing Period : 27-Jun-2024 to 3-Jul-2024

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

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



Rutchuporn Moungsom
Toys and Hardlines Laboratory Manager



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Test Requested & Result Summary

Test Requested : Please refer to the result summary (Test parameter(s) was/were selected by client).

Result Summary:

Test Requested	Conclusion
1) US Model Toxics in Packaging Legislation (TPCH: Toxics in Packaging Clearing House) - Phthalates content in the specified specimen(s) as listed	PASS#

Remark:

1. Test results in this report are applicable for the item tested and reflects the tested sample as received.
2. #: 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 30 Ortho-Phthalate substances which is agreed by the client.
3. The decision rules based on simple acceptance which the probability of false accept may be as high as 50% in case the results is exactly on the tolerance limit.

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TEST RESULTS
US Model Toxics in Packaging Legislation (TPCH: Toxics in Packaging Clearing House) - Phthalates content***

Method: With reference to CPSC-CH-C1001-09.4 Analysis was performed by Gas Chromatography - Mass Spectrometry (GC-MS).

Test Item	CAS No.	Result (1) (mg/kg)	Reporting Limit (mg/kg)	Requirement (mg/kg)
Dichlohexyl Phthalate (DCHP)	84-61-7	ND	50	--
1,2-Benzenedicarboxylic acid, diethyl ester (DEP)	84-66-2	ND	50	--
1,2-Benzenedicarboxylic acid, diisobutyl ester (DIBP)	84-69-5	ND	50	--
1,2-Benzenedicarboxylic acid, dibutyl ester (DBP)	84-74-2	ND	50	--
1,2-Benzenedicarboxylic acid, dihexyl ester (DnHP)	84-75-3	ND	50	--
1,2-Benzenedicarboxylic acid, butyl benzyl ester (BBP)	85-68-7	ND	50	--
1,2-Benzenedicarboxylic acid, bis(2-ethylhexyl) ester (DEHP)	117-81-7	ND	50	--
Bis (2-methoxyethyl) phthalate (DMEP)	117-82-8	ND	50	--
1,2-Benzenedicarboxylic acid, dioctyl ester (DnOP)	117-84-0	ND	50	--
1,2-Benzenedicarboxylic acid, dimethyl ester (DMP)	131-11-3	ND	50	--
Dipropyl phthalate (DPrP)	131-16-8	ND	50	--

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Test Item	CAS No.	Result (1) (mg/kg)	Reporting Limit (mg/kg)	Requirement (mg/kg)
Di-n-pentylphthalate (DnPP)	131-18-0	ND	50	--
Diisopentylphthalate (DiPP)	605-50-5	ND	50	--
Diisodecyl Phthalate (DIDP)	26761-40-0 / 68515-49-1	ND	50	--
1,2-Benzenedicarboxylic acid, diisooctyl ester (DIOP)	27554-26-3	ND	50	--
1,2-Benzenedicarboxylic acid, diisononyl ester (DINP)	28553-12-0 / 68515-48-0	ND	50	--
1,2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters (DHNUP)	68515-42-4	ND	50	--
1,2-Benzenedicarboxylic acid, dihexyl ester, branched and linear (DHP)	68515-50-4	ND	50	--
1,2-Benzenedicarboxylic acid, di-C6-10-alkyl esters	68515-51-5 / 68648-93-1	ND	50	--
Diisohexyl phthalate (DiHexP)	71850-09-4	ND	50	--
1,2-Benzenedicarboxylic acid, di-C6-8-branched alkyl esters, C7-rich (DIHpP)	71888-89-6	ND	50	--

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Test Item	CAS No.	Result (1) (mg/kg)	Reporting Limit (mg/kg)	Requirement (mg/kg)
1,2-Benzenedicarboxylic acid, dipentylester, branched and linear	84777-06-0	ND	50	--
N-pentyl-isopentylphthalate (nPiPP)	776297-69-9	ND	50	--
Diallyl phthalate (DAP)	131-17-9	ND	50	--
1,2-Benzenedicarboxylic acid, di(2-propylheptyl) ester (DPHP)	53306-54-0	ND	50	--
Butyl phthalyl butyl glycolate (BPBG)	85-70-1	ND	50	--
Ethyl phthalyl ethyl glycolate	84-72-0	ND	50	--
Total Phthalates	--	ND	--	100
Comment	--	PASS	--	--

Sample Description :

- Aluminium foil / clear plastic film with multicolor printed

Note:

- mg/kg = milligram per kilogram
- ND = Not Detected

Remark:

- 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 ortho-phthalate substances which is agreed by the client.
- The test item(s) marked *** on test report is/are analyzed at SGS (Thailand) Limited, address: 10, 10/1 - 4 and 12 Soi Rama III S. 59, Chong Nonsi, Yan Nawa, Bangkok.

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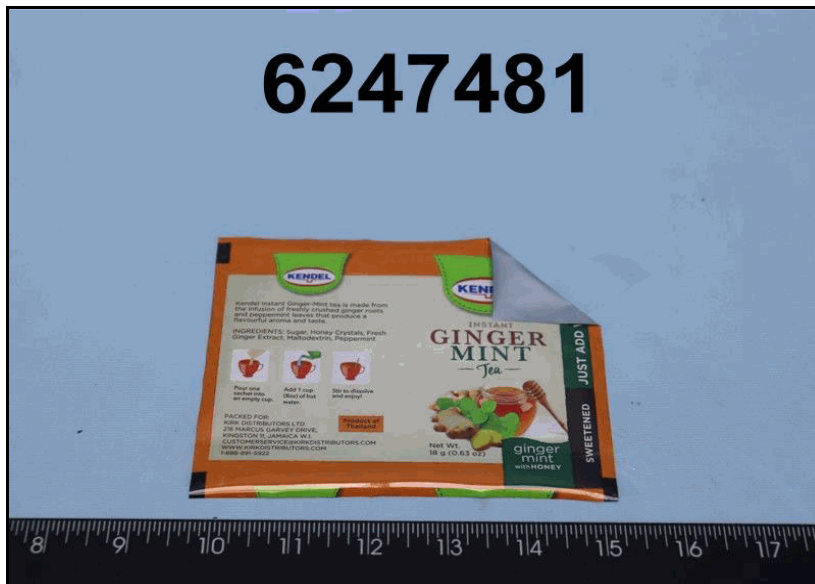
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SAMPLE/ATTACHMENT PICTURE



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

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