Test Report No.: 70.435.23.11756.01

Date: 2023-11-27

Applicant:	JIAXING TIGGO CAR SEATS CO.,LTD
Address:	68 LIANXIANG ROAD, DAYUN TOWN, JIASHAN 314113, ZHEJIANG PROVINCE, CHINA
Product Name:	2 CHILD STROLLER & BICYCLE TRAILER
Model No:	BT606
Manufacturer:	JIAXING TIGGO CAR SEATS CO.,LTD
Receipt Date of Sample:	2023-11-06
Date of Testing:	2023-11-06 ~ 2023-11-27
Sample Submitted:	The sample(s) was (were) submitted by applicant and identified.
Test Result:	Refer to the data listed in following pages

Test Item	Conclusion
1. Regulation (EC) No.1907/2006 (REACH) Annex XVII, Item 50 - Polycyclic Aromatic Hydrocarbons (PAHs)	**Pass**
2. Regulation (EC) No.1907/2006 (REACH) Annex XVII, Item 43 - Azocolourants Content	**Pass**
3. Substances of Very High Concern (SVHC) published by European Chemicals Agency (ECHA) - Phthalates Content	**Pass**

Remarks: 1. MDL = Method Detection Limit
2. ND = Not Detected (<MDL)
3. ≤ Less than
4. 1 mg/kg = 1 ppm = 0.0001%

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TÜV SÜD Certification and Testing (China) Co., Ltd. Shanghai Branch
Testing Center

Prepared by:



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Authorized by:



Sawyer Tang
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Note:

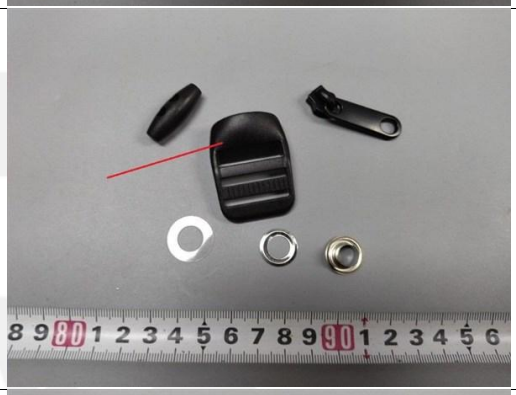
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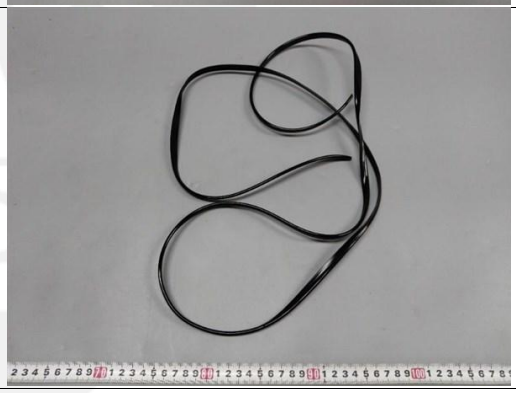
(2) The results relate only to the Items tested.

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(4) Disclaimer Measurement Uncertainty:
Unless otherwise agreed upon, Pass or Fail verdicts are given based on the measured values without any considerations of measurement uncertainties. Please note, every test method has a measurement uncertainty which has been evaluated by the laboratory according to ISO/IEC 17025 requirements. By taking measurement uncertainties into account it might happen that measured values can neither be assessed as Pass nor as Fail.

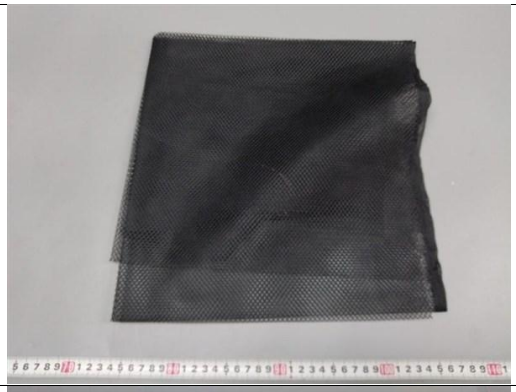
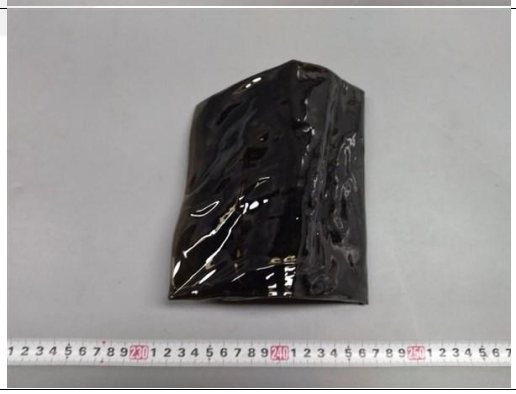
Description of Tested Subject:

Sample	Description	Photo
001	Black plastic	
002	Black plastic	
003	Transparent plastic	
004	Black coating	

Sample	Description	Photo
006	Transparent soft plastic	
007	Black elastic tape	
008	Black soft plastic	

Sample	Description	Photo
009	Black plastic zipper teeth	
010	Black fabric zipper tape	
011	Grey fabric with silver reflective tape	
012	Black fabric (loop fastener)	
013	Black belt fabric	

Sample	Description	Photo
014	Black belt fabric	
015	Black mesh fabric	
016	Black fabric	
017	Grey fabric	

Sample	Description	Photo
018	Black mesh fabric	
019	Grey fabric	
020	Beige foam	
021	Black soft plastic	
022	Transparent black soft plastic(005 retest)	

Test Result(s):

1. Regulation (EC) No.1907/2006 (REACH) Annex XVII, Item 50 - Polycyclic Aromatic Hydrocarbons (PAHs)

Test with reference to in AfPS GS 2019:01, determination by GC-MS.

Parameter	CAS No.	Unit	MDL	Limit	Result(s)	
					001+002+003	004
Benzo[b]fluoranthene (BbFA)	205-99-2	mg/kg	0.1	0.5	ND	ND
Benzo[a]anthracene (BaA)	56-55-3	mg/kg	0.1	0.5	ND	ND
Benzo[a]pyrene (BaP)	50-32-8	mg/kg	0.1	0.5	ND	ND
Benzo[e]pyrene (BeP)	192-97-2	mg/kg	0.1	0.5	ND	ND
Benzo[j]fluoranthene (BjFA)	205-82-3	mg/kg	0.1	0.5	ND	ND
Benzo[k]fluoranthene (BkFA)	207-08-9	mg/kg	0.1	0.5	ND	ND
Chrysene (CHR)	218-01-9	mg/kg	0.1	0.5	ND	ND
Dibenzo[a,h]anthracene (DBAhA)	53-70-3	mg/kg	0.1	0.5	ND	ND
Conclusion					**Pass**	**Pass**

Parameter	CAS No.	Unit	MDL	Limit	Result(s)	
					005+006+008	007+011
Benzo[b]fluoranthene (BbFA)	205-99-2	mg/kg	0.1	0.5	ND	ND
Benzo[a]anthracene (BaA)	56-55-3	mg/kg	0.1	0.5	ND	ND
Benzo[a]pyrene (BaP)	50-32-8	mg/kg	0.1	0.5	ND	ND
Benzo[e]pyrene (BeP)	192-97-2	mg/kg	0.1	0.5	ND	ND
Benzo[j]fluoranthene (BjFA)	205-82-3	mg/kg	0.1	0.5	ND	ND
Benzo[k]fluoranthene (BkFA)	207-08-9	mg/kg	0.1	0.5	ND	ND
Chrysene (CHR)	218-01-9	mg/kg	0.1	0.5	ND	ND
Dibenzo[a,h]anthracene (DBAhA)	53-70-3	mg/kg	0.1	0.5	ND	ND
Conclusion					**Pass**	**Pass**

Parameter	CAS No.	Unit	MDL	Limit	Result(s)	
					009	020+021
Benzo[b]fluoranthene (BbFA)	205-99-2	mg/kg	0.1	0.5	ND	ND
Benzo[a]anthracene (BaA)	56-55-3	mg/kg	0.1	0.5	ND	ND
Benzo[a]pyrene (BaP)	50-32-8	mg/kg	0.1	0.5	ND	ND
Benzo[e]pyrene (BeP)	192-97-2	mg/kg	0.1	0.5	ND	ND
Benzo[j]fluoranthene (BjFA)	205-82-3	mg/kg	0.1	0.5	ND	ND
Benzo[k]fluoranthene (BkFA)	207-08-9	mg/kg	0.1	0.5	ND	ND
Chrysene (CHR)	218-01-9	mg/kg	0.1	0.5	ND	ND
Dibenzo[a,h]anthracene (DBAhA)	53-70-3	mg/kg	0.1	0.5	ND	ND
Conclusion					**Pass**	**Pass**

2. Regulation (EC) No.1907/2006 (REACH) Annex XVII, Item 43 - Azocolourants Content

Test with reference to EN ISO 14362-1:2017,determination by GC-MS/HPLC.

Parameter	CAS No.	Unit	MDL	Limit	Result(s)	
					007+011	010+012+013
4-aminobiphenyl	92-67-1	mg/kg	5.0	30	ND	ND
Benzidine	92-87-5	mg/kg	5.0	30	ND	ND
4-chloro-o-toluidine	95-69-2	mg/kg	5.0	30	ND	ND
2-naphthylamine	91-59-8	mg/kg	5.0	30	ND	ND
o-aminoazotoluene	97-56-3	mg/kg	5.0	30	ND	ND
5-nitro-o-toluidine	99-55-8	mg/kg	5.0	30	ND	ND
4-chloroaniline	106-47-8	mg/kg	5.0	30	ND	ND
2,4-diaminoanisole	615-05-4	mg/kg	5.0	30	ND	ND
4,4'-diaminodiphenylmethane	101-77-9	mg/kg	5.0	30	ND	ND
3,3'-dichlorobenzidine	91-94-1	mg/kg	5.0	30	ND	ND
3,3'-Dimethoxybenzidine	119-90-4	mg/kg	5.0	30	ND	ND
3,3'-dimethylbenzidine	119-93-7	mg/kg	5.0	30	ND	ND
4,4'-methylenedi-o-toluidine	838-88-0	mg/kg	5.0	30	ND	ND
p-cresidine	120-71-8	mg/kg	5.0	30	ND	ND
4,4'-methylene-bis-(2-chloro-aniline)	101-14-4	mg/kg	5.0	30	ND	ND
4,4'-oxydianiline	101-80-4	mg/kg	5.0	30	ND	ND
4,4'-thiodianiline	139-65-1	mg/kg	5.0	30	ND	ND
o-toluidine	95-53-4	mg/kg	5.0	30	ND	ND
2,4-toluenediamine	95-80-7	mg/kg	5.0	30	ND	ND
2,4,5-trimethylaniline	137-17-7	mg/kg	5.0	30	ND	ND
2-methoxyaniline	90-04-0	mg/kg	5.0	30	ND	ND
2,4-xylidine	95-68-1	mg/kg	5.0	30	ND	ND
2,6-xylidine	87-62-7	mg/kg	5.0	30	ND	ND
4-aminoazobenzene	60-09-3	mg/kg	5.0	30	ND	ND
Conclusion					**Pass**	**Pass**

Parameter	CAS No.	Unit	MDL	Limit	Result(s)	
					014+015+016	017+018+019
4-aminobiphenyl	92-67-1	mg/kg	5.0	30	ND	ND
Benzidine	92-87-5	mg/kg	5.0	30	ND	ND
4-chloro-o-toluidine	95-69-2	mg/kg	5.0	30	ND	ND
2-naphthylamine	91-59-8	mg/kg	5.0	30	ND	ND
o-aminoazotoluene	97-56-3	mg/kg	5.0	30	ND	ND
5-nitro-o-toluidine	99-55-8	mg/kg	5.0	30	ND	ND
4-chloroaniline	106-47-8	mg/kg	5.0	30	ND	ND
2,4-diaminoanisole	615-05-4	mg/kg	5.0	30	ND	ND
4,4'-diaminodiphenylmethane	101-77-9	mg/kg	5.0	30	ND	ND
3,3'-dichlorobenzidine	91-94-1	mg/kg	5.0	30	ND	ND
3,3'-Dimethoxybenzidine	119-90-4	mg/kg	5.0	30	ND	ND
3,3'-dimethylbenzidine	119-93-7	mg/kg	5.0	30	ND	ND
4,4'-methylenedi-o-toluidine	838-88-0	mg/kg	5.0	30	ND	ND
p-cresidine	120-71-8	mg/kg	5.0	30	ND	ND
4,4'-methylene-bis-(2-chloro-aniline)	101-14-4	mg/kg	5.0	30	ND	ND
4,4'-oxydianiline	101-80-4	mg/kg	5.0	30	ND	ND
4,4'-thiodianiline	139-65-1	mg/kg	5.0	30	ND	ND
o-toluidine	95-53-4	mg/kg	5.0	30	ND	ND
2,4-toluenediamine	95-80-7	mg/kg	5.0	30	ND	ND
2,4,5-trimethylaniline	137-17-7	mg/kg	5.0	30	ND	ND
2-methoxyaniline	90-04-0	mg/kg	5.0	30	ND	ND
2,4-xylidine	95-68-1	mg/kg	5.0	30	ND	ND
2,6-xylidine	87-62-7	mg/kg	5.0	30	ND	ND
4-aminoazobenzene	60-09-3	mg/kg	5.0	30	ND	ND
Conclusion					**Pass**	**Pass**

Interpretation of test results:

(1) In the case of the measured value per amine component ≤30 mg/kg and according to the analysis carried out, the azo colourants banned under the Annex XVII of Regulation (EC) No. 1907/2006, REACH are not detected in the article submitted.

(2) Banned AZO dyes in accordance to REACH regulation (EC) No. 1907/2006 and Amendment No. 552/2009 Annex XVII Item 43 (formerly known as 2002/61/EC)

3. Substances of Very High Concern (SVHC) published by European Chemicals Agency (ECHA) - Phthalates Content

Test with reference to in-house method, determination by GC-MS.

Parameter	CAS No.	Unit	MDL	Limit	Result(s)	
					001+002+003	004
Benzylbutylphthalate (BBP)	85-68-7	%	0.01	0.1	ND	ND
Bis (2-ethylhexyl) phthalate (DEHP)	117-81-7	%	0.01	0.1	ND	ND
Dibutylphthalate (DBP)	84-74-2	%	0.01	0.1	ND	ND
Diisobutyl Phthalate (DIBP)	84-69-5	%	0.01	0.1	ND	ND
1,2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters (DHNUP)	68515-42-4	%	0.01	0.1	ND	ND
1,2-Benzenedicarboxylic acid, di-C6-8-branched alkyl esters, C7-rich (DIHP)	71888-89-6	%	0.01	0.1	ND	ND
Bis(2-methoxyethyl) phthalate (DMEP)	117-82-8	%	0.01	0.1	ND	ND
1,2-Benzenedicarboxylic acid, dipentylester, branched and linear	84777-06-0	%	0.01	0.1	ND	ND
Diisopentylphthalate (DIPP)	605-50-5	%	0.01	0.1	ND	ND
N-pentyl-isopentylphtalate	776297-69-9	%	0.01	0.1	ND	ND
Dipentyl phthalate (DPP)	131-18-0	%	0.01	0.1	ND	ND
Di-n-hexyl phthalate (DnHP/DHP/DHEXP)	84-75-3	%	0.01	0.1	ND	ND
1,2-Benzenedicarboxylic acid, dihexyl ester, branched and linear	68515-50-4	%	0.01	0.1	ND	ND
1,2-benzenedicarboxylic acid, di-C6-10-alkyl esters; 1,2-benzenedicarboxylic acid, mixed decyl and hexyl and octyl diesters with ≥ 0.3% of dihexyl phthalate	68515-51-5, 68648-93-1	%	0.01	0.1	ND	ND
Dicyclohexyl phthalate(DCHP)	84-61-7	%	0.01	0.1	ND	ND
Diisohexyl phthalate（DIHxP）	71850-09-4	%	0.01	0.1	ND	ND
Bis(2-ethylhexyl) tetrabromophthalate covering any of the individual isomers and/or combinations thereof (TBPH)	-	%	0.01	0.1	ND	ND
Conclusion					**Pass**	**Pass**

Parameter	CAS No.	Unit	MDL	Limit	Result(s)
					006
Benzylbutylphthalate (BBP)	85-68-7	%	0.01	0.1	ND
Bis (2-ethylhexyl) phthalate (DEHP)	117-81-7	%	0.01	0.1	ND
Dibutylphthalate (DBP)	84-74-2	%	0.01	0.1	ND
Diisobutyl Phthalate (DIBP)	84-69-5	%	0.01	0.1	ND
1,2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters (DHNUP)	68515-42-4	%	0.01	0.1	ND
1,2-Benzenedicarboxylic acid, di-C6-8-branched alkyl esters, C7-rich (DIHP)	71888-89-6	%	0.01	0.1	ND
Bis(2-methoxyethyl) phthalate (DMEP)	117-82-8	%	0.01	0.1	ND
1,2-Benzenedicarboxylic acid, dipentylester, branched and linear	84777-06-0	%	0.01	0.1	ND
Diisopentylphthalate (DIPP)	605-50-5	%	0.01	0.1	ND
N-pentyl-isopentylphtalate	776297-69-9	%	0.01	0.1	ND
Dipentyl phthalate (DPP)	131-18-0	%	0.01	0.1	ND
Di-n-hexyl phthalate (DnHP/DHP/DHEXP)	84-75-3	%	0.01	0.1	ND
1,2-Benzenedicarboxylic acid, dihexyl ester, branched and linear	68515-50-4	%	0.01	0.1	ND
1,2-benzenedicarboxylic acid, di-C6-10-alkyl esters; 1,2-benzenedicarboxylic acid, mixed decyl and hexyl and octyl diesters with ≥ 0.3% of dihexyl phthalate	68515-51-5, 68648-93-1	%	0.01	0.1	ND
Dicyclohexyl phthalate(DCHP)	84-61-7	%	0.01	0.1	ND
Diisohexyl phthalate（DIHxP）	71850-09-4	%	0.01	0.1	ND
Bis(2-ethylhexyl) tetrabromophthalate covering any of the individual isomers and/or combinations thereof (TBPH)	-	%	0.01	0.1	ND
Conclusion					**Pass**

Parameter	CAS No.	Unit	MDL	Limit	Result(s)	
					007+011	008
Benzylbutylphthalate (BBP)	85-68-7	%	0.01	0.1	ND	ND
Bis (2-ethylhexyl) phthalate (DEHP)	117-81-7	%	0.01	0.1	ND	0.012
Dibutylphthalate (DBP)	84-74-2	%	0.01	0.1	ND	ND
Diisobutyl Phthalate (DIBP)	84-69-5	%	0.01	0.1	ND	ND
1,2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters (DHNUP)	68515-42-4	%	0.01	0.1	ND	ND
1,2-Benzenedicarboxylic acid, di-C6-8-branched alkyl esters, C7-rich (DIHP)	71888-89-6	%	0.01	0.1	ND	ND
Bis(2-methoxyethyl) phthalate (DMEP)	117-82-8	%	0.01	0.1	ND	ND
1,2-Benzenedicarboxylic acid, dipentylester, branched and linear	84777-06-0	%	0.01	0.1	ND	ND
Diisopentylphthalate (DIPP)	605-50-5	%	0.01	0.1	ND	ND
N-pentyl-isopentylphtalate	776297-69-9	%	0.01	0.1	ND	ND
Dipentyl phthalate (DPP)	131-18-0	%	0.01	0.1	ND	ND
Di-n-hexyl phthalate (DnHP/DHP/DHEXP)	84-75-3	%	0.01	0.1	ND	ND
1,2-Benzenedicarboxylic acid, dihexyl ester, branched and linear	68515-50-4	%	0.01	0.1	ND	ND
1,2-benzenedicarboxylic acid, di-C6-10-alkyl esters; 1,2-benzenedicarboxylic acid, mixed decyl and hexyl and octyl diesters with ≥ 0.3% of dihexyl phthalate	68515-51-5, 68648-93-1	%	0.01	0.1	ND	ND
Dicyclohexyl phthalate(DCHP)	84-61-7	%	0.01	0.1	ND	ND
Diisohexyl phthalate（DIHxP）	71850-09-4	%	0.01	0.1	ND	ND
Bis(2-ethylhexyl) tetrabromophthalate covering any of the individual isomers and/or combinations thereof (TBPH)	-	%	0.01	0.1	ND	ND
Conclusion					**Pass**	**Pass**

Parameter	CAS No.	Unit	MDL	Limit	Result(s)	
					009	020+021
Benzylbutylphthalate (BBP)	85-68-7	%	0.01	0.1	ND	ND
Bis (2-ethylhexyl) phthalate (DEHP)	117-81-7	%	0.01	0.1	ND	ND
Dibutylphthalate (DBP)	84-74-2	%	0.01	0.1	ND	ND
Diisobutyl Phthalate (DIBP)	84-69-5	%	0.01	0.1	ND	ND
1,2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters (DHNUP)	68515-42-4	%	0.01	0.1	ND	ND
1,2-Benzenedicarboxylic acid, di-C6-8-branched alkyl esters, C7-rich (DIHP)	71888-89-6	%	0.01	0.1	ND	ND
Bis(2-methoxyethyl) phthalate (DMEP)	117-82-8	%	0.01	0.1	ND	ND
1,2-Benzenedicarboxylic acid, dipentylester, branched and linear	84777-06-0	%	0.01	0.1	ND	ND
Diisopentylphthalate (DIPP)	605-50-5	%	0.01	0.1	ND	ND
N-pentyl-isopentylphtalate	776297-69-9	%	0.01	0.1	ND	ND
Dipentyl phthalate (DPP)	131-18-0	%	0.01	0.1	ND	ND
Di-n-hexyl phthalate (DnHP/DHP/DHEXP)	84-75-3	%	0.01	0.1	ND	ND
1,2-Benzenedicarboxylic acid, dihexyl ester, branched and linear	68515-50-4	%	0.01	0.1	ND	ND
1,2-benzenedicarboxylic acid, di-C6-10-alkyl esters; 1,2-benzenedicarboxylic acid, mixed decyl and hexyl and octyl diesters with ≥ 0.3% of dihexyl phthalate	68515-51-5, 68648-93-1	%	0.01	0.1	ND	ND
Dicyclohexyl phthalate(DCHP)	84-61-7	%	0.01	0.1	ND	ND
Diisohexyl phthalate（DIHxP）	71850-09-4	%	0.01	0.1	ND	ND
Bis(2-ethylhexyl) tetrabromophthalate covering any of the individual isomers and/or combinations thereof (TBPH)	-	%	0.01	0.1	ND	ND
Conclusion					**Pass**	**Pass**

Parameter	CAS No.	Unit	MDL	Limit	Result(s)
					022
Benzylbutylphthalate (BBP)	85-68-7	%	0.01	0.1	ND
Bis (2-ethylhexyl) phthalate (DEHP)	117-81-7	%	0.01	0.1	ND
Dibutylphthalate (DBP)	84-74-2	%	0.01	0.1	ND
Diisobutyl Phthalate (DIBP)	84-69-5	%	0.01	0.1	ND
1,2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters (DHNUP)	68515-42-4	%	0.01	0.1	ND
1,2-Benzenedicarboxylic acid, di-C6-8-branched alkyl esters, C7-rich (DIHP)	71888-89-6	%	0.01	0.1	ND
Bis(2-methoxyethyl) phthalate (DMEP)	117-82-8	%	0.01	0.1	ND
1,2-Benzenedicarboxylic acid, dipentylester, branched and linear	84777-06-0	%	0.01	0.1	ND
Diisopentylphthalate (DIPP)	605-50-5	%	0.01	0.1	ND
N-pentyl-isopentylphtalate	776297-69-9	%	0.01	0.1	ND
Dipentyl phthalate (DPP)	131-18-0	%	0.01	0.1	ND
Di-n-hexyl phthalate (DnHP/DHP/DHEXP)	84-75-3	%	0.01	0.1	ND
1,2-Benzenedicarboxylic acid, dihexyl ester, branched and linear	68515-50-4	%	0.01	0.1	ND
1,2-benzenedicarboxylic acid, di-C6-10-alkyl esters; 1,2-benzenedicarboxylic acid, mixed decyl and hexyl and octyl diesters with ≥ 0.3% of dihexyl phthalate	68515-51-5, 68648-93-1	%	0.01	0.1	ND
Dicyclohexyl phthalate(DCHP)	84-61-7	%	0.01	0.1	ND
Diisohexyl phthalate（DIHxP）	71850-09-4	%	0.01	0.1	ND
Bis(2-ethylhexyl) tetrabromophthalate covering any of the individual isomers and/or combinations thereof (TBPH)	-	%	0.01	0.1	ND
Conclusion					**Pass**

-End of Test Report-