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Receipt Date of Sample: 2023-08-29
Date of Testing: 2023-08-29 ~ 2023-09-05
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. Polycyclic Aromatic Hydrocarbons (15 PAHs)	Pass
2. Regulation (EC) No.1907/2006 (REACH) Annex XVII, Item 50 - Polycyclic Aromatic Hydrocarbons (PAHs)	Pass
3. Regulation (EC) No.1907/2006 (REACH) Annex XVII, Item 23 - Cadmium Content	Pass
4. Regulation (EC) No.1907/2006 (REACH) Annex XVII, Item 63 - Lead Content	Pass
5. Regulation (EC) No.1907/2006 (REACH) Annex XVII, Item 20 - Organotin Content	Pass
6. European Parliament and Council Regulation (EU) 2019/1021 on Persistent Organic Pollutants (POPs) - Alkanes C10-C13, chloro (short-chain chlorinated paraffins) (SCCPs)	Pass
7. Client's Requirement-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%

Test Report

No.: 70.300.23.10886.01

Date: 2023-09-05



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

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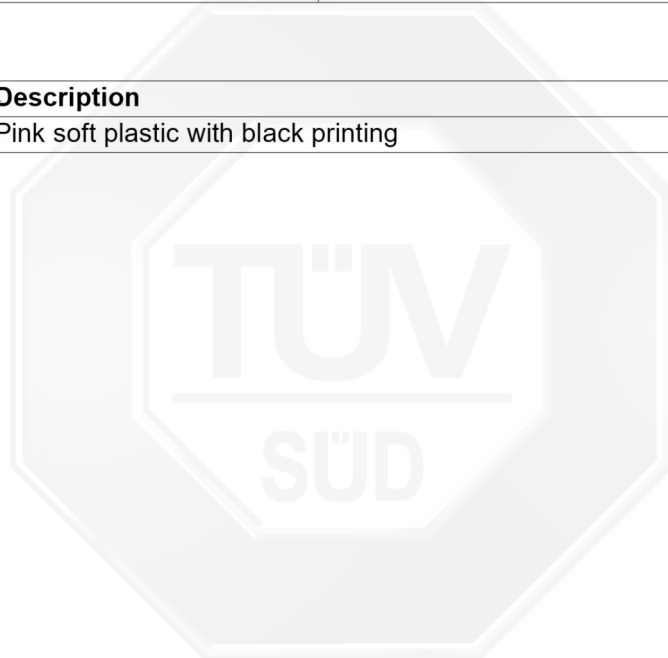
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Unless otherwise agreed upon, Pass or Fail verdicts are given based on the measured values without any considerations of measurement uncertainties. Please note, every test method has a measurement uncertainty which has been evaluated by the laboratory 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	YOGA Ball	

T. No	Sample	Description
T1	002	Pink soft plastic with black printing



Test Report

No.: 70.300.23.10886.01

Date: 2023-09-05



Greater China

Test Result(s):

1. Polycyclic Aromatic Hydrocarbons (15 PAHs)

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

Parameter	CAS No.	Unit	MDL	Limit	Result(s)
					002
Naphthalene	91-20-3	mg/kg	0.1	2	0.3
Phenanthrene	85-01-8	mg/kg	0.1	-	0.2
Anthracene	120-12-7	mg/kg	0.1	-	ND
Fluoranthene	206-44-0	mg/kg	0.1	-	ND
Pyrene	129-00-0	mg/kg	0.1	-	ND
Sum of 4 PAHs	-	mg/kg	0.1	10	0.2
Benzo[a]anthracene	56-55-3	mg/kg	0.1	0.5	ND
Chrysene	218-01-9	mg/kg	0.1	0.5	ND
Benzo[b]fluoranthene	205-99-2	mg/kg	0.1	0.5	ND
Benzo[j]fluoranthene	205-82-3	mg/kg	0.1	0.5	ND
Benzo[k]fluoranthene	207-08-9	mg/kg	0.1	0.5	ND
Benzo[a]pyrene	50-32-8	mg/kg	0.1	0.5	ND
Benzo[e]pyrene	192-97-2	mg/kg	0.1	0.5	ND
Benzo[ghi]perylene	191-24-2	mg/kg	0.1	0.5	ND
dibenzo[ah]anthracene	53-70-3	mg/kg	0.1	0.5	ND
Indeno[1,2,3-cd]pyrene	193-39-5	mg/kg	0.1	0.5	ND
Sum of detected 15 PAHs	-	mg/kg	0.1	10	0.5
Category Conclusion					Category 2 Pass

Remark: 1. Limit according to AfPS GS 2019:01PAK :

Parameter	Category 1	Category 2		Category 3	
		Used by children (mg/kg)	Other consumer products (mg/kg)	Used by children (mg/kg)	Other consumer products (mg/kg)
	Materials intended to be taken into the mouth, or materials in toys according to Directive 2009/48/EC or materials in articles intended for the use by children up to 3 years of age having long-term skin contact (more than 30s) within intended use	Materials that do not fall into category 1, with long-term skin contact (more than 30s) or repeated short-term skin contact within intended or foreseeable use		Materials that do neither fall into category 1 nor 2, with short-term skin contact (up to 30s) within foreseeable use	
Benzo[a]pyrene	< 0.2	< 0.2	< 0.5	< 0.5	< 1
Benzo[e]pyrene	< 0.2	< 0.2	< 0.5	< 0.5	< 1
Benzo[a]anthracene	< 0.2	< 0.2	< 0.5	< 0.5	< 1
Benzo[b]fluoroanthene	< 0.2	< 0.2	< 0.5	< 0.5	< 1

Benzo[j]fluoranthene	< 0.2	< 0.2	< 0.5	< 0.5	< 1
Benzo[k]fluoranthene	< 0.2	< 0.2	< 0.5	< 0.5	< 1
Chrysene	< 0.2	< 0.2	< 0.5	< 0.5	< 1
Dibenzo[a,h]anthracene	< 0.2	< 0.2	< 0.5	< 0.5	< 1
Benzo[g,h,i]perylene	< 0.2	< 0.2	< 0.5	< 0.5	< 1
Indeno[1,2,3-c,d]pyrene	< 0.2	< 0.2	< 0.5	< 0.5	< 1
Phenanthrene, Pyrene, Anthracene, Fluoranthene	Sum < 1	Sum < 5	Sum < 10	Sum < 20	Sum < 50
Naphthalene	< 1	< 2		< 10	
Sum 15 PAH	< 1	< 5	< 10	< 20	< 50

2. 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)
					002
Benzo[b]fluoranthene (BbFA)	205-99-2	mg/kg	0.1	1	ND
Benzo[a]anthracene (BaA)	56-55-3	mg/kg	0.1	1	ND
Benzo[a]pyrene (BaP)	50-32-8	mg/kg	0.1	1	ND
Benzo[e]pyrene (BeP)	192-97-2	mg/kg	0.1	1	ND
Benzo[j]fluoranthene (BjFA)	205-82-3	mg/kg	0.1	1	ND
Benzo[k]fluoranthene (BkFA)	207-08-9	mg/kg	0.1	1	ND
Chrysene (CHR)	218-01-9	mg/kg	0.1	1	ND
Dibenzo[a,h]anthracene (DBAhA)	53-70-3	mg/kg	0.1	1	ND
Conclusion					Pass

3. Regulation (EC) No.1907/2006 (REACH) Annex XVII, Item 23 - Cadmium Content

Test with reference to EN 1122:2001 Method B, determination by ICP-OES.

Sample	Unit	MDL	Limit	Result(s)	Conclusion
002	mg/kg	10.0	100	ND	Pass

4. Regulation (EC) No.1907/2006 (REACH) Annex XVII, Item 63 - Lead Content

Test with reference to in-house method, determination by ICP-OES.

Sample	Unit	MDL	Limit	Result(s)	Conclusion
002	mg/kg	10.0	500	ND	Pass

5. Regulation (EC) No.1907/2006 (REACH) Annex XVII, Item 20 - Organotin Content

Test with reference to ISO 17353:2004, determination by GC-MS.

Parameter	MDL [mg/kg]	Limit [mg/kg]	Result(s) [mg/kg]
			002
DBT	0.025	1000	ND
TBT	0.025	1000	ND
DOT	0.025	1000	ND
TcyT	0.025	1000	ND
TPhT	0.025	1000	ND
Conclusion			Pass

6. European Parliament and Council Regulation (EU) 2019/1021 on Persistent Organic Pollutants (POPs) - Alkanes C10-C13, chloro (short-chain chlorinated paraffins) (SCCPs)

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

Parameter	CAS No.	Unit	MDL	Limit	Result(s)
					002
SCCP	85535-84-8	mg/kg	100	1500	ND
Conclusion					Pass

7. Client's Requirement-Phthalates Content

Test with reference to EN ISO 14389:2014, determination by GC-MS.

Parameter	CAS No.	Unit	MDL	Limit	Result(s)
					002
DEHP, Di-(2-ethylhexyl)-phthalat	117-81-7	%	0.005	-	ND
DBP, Dibutylbenzylphthalat	84-74-2	%	0.005	-	ND
DIBP, Di-iso-butylphthalat	84-69-5	%	0.005	-	ND
BBP, Butylbenzylphthalat	85-68-7	%	0.005	-	ND
Sum of DBP, BBP, DEHP, DIBP	-	%	0.005	0.075	ND
DNOP, Di-n-octylphthalat	117-84-0	%	0.005	-	ND
DINP, Di-isononyl phthalate	28553-12-0	%	0.005	-	ND
DIDP, Di-isodecylphthalat	26761-40-0	%	0.005	-	ND
sum of DINP, DIDP, DNOP	-	%	0.005	0.075	ND
DMEP, Di-(2-methoxyethyl)-phthalat	117-82-8	%	0.005	0.075	ND
DNPP, Di-n-pentylphthalat	131-18-0	%	0.005	0.075	ND
n-Pentyl-isopentylphthalate (nPIPP)	776297-69-9	%	0.005	0.075	ND
DIPP, Di-iso-pentylphthalat	605-50-5	%	0.005	0.075	ND
Di-n-hexyl phthalate (DnHP)	84-75-3	%	0.005	0.075	ND
Di-iso-hexyl phthalate, DiHxP	71850-09-4	%	0.005	0.075	ND
Dicyclohexyl phthalate (DCHP)	84-61-7	%	0.005	0.075	ND
DPHP, Di-2-propylheptylphthalat	53306-54-0	%	0.005	0.075	ND
1,2-Benzene dicarboxylic acid, dipentylester, branched and linear	84777-06-0	%	0.005	0.075	ND
1,2-Benzene dicarboxylic acid, dihexylester, branched and linear	68515-50-4	%	0.005	0.075	ND
DIHP, 1,2-Benzoldicarbonsauredialkylester Di-C6-9-verzweigte Alkylester	71888-89-6	%	0.005	0.075	ND
DHNUP, 1,2-Benzoldicarbonsauredialkylester Di-C7-11 verzweigte und lineare Alkylester	68515-42-4	%	0.005	0.075	ND
1,2-benzenedicarboxylic acid, di-C6-10-alkyl esters; 1,2-benzenedicarboxylic acid, mixed decyl and hexyl and octyl diesters with $\geq 0.3\%$ of dihexyl phthalate	68515-51-5, 68648-93-1	%	0.005	0.075	ND
Conclusion					Pass

-End of Test Report-