Test Report No.: 70.300.23.10886.01

Date: 2023-09-05

Greater China

Applicant:	NANTONG LIVEUP SPORTS CO.,LTD
Address:	NO.18 SHENGLI ROAD,NANTONG,CHINA
Product Name:	YOGA BALL
Model No:	LB7051
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%

Greater China

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

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Note:

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

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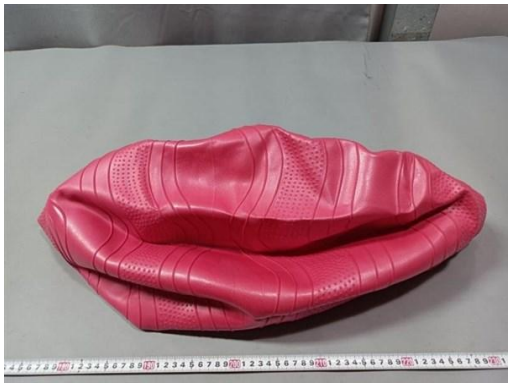
(4) Disclaimer Measurement Uncertainty:
Unless otherwise agreed upon, Pass or Fail verdicts are given based on the measured values without any considerations of measurement uncertainties. Please note, every test method has a measurement uncertainty which has been evaluated by the laboratory according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

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

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					**Category 2**
Conclusion					**Pass**

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

Parameter	Category 1	Category 2		Category 3	
	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	
		Used by children (mg/kg)	Other consumer products (mg/kg)	Used by children (mg/kg)	Other consumer products (mg/kg)
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]fluoroanthene	< 0.2	< 0.2	< 0.5	< 0.5	< 1
Benzo[k]fluoroanthene	< 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,methoxethyl)-phthalat	117-82-8	%	0.005	0.075	ND
DNPP, Di-n-pentyphthalat	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-propylheptyphthalat	53306-54-0	%	0.005	0.075	ND
1,2-Benzene dicarbonic acid, dipentylester, branched and linear	84777-06-0	%	0.005	0.075	ND
1,2-Benzene dicarbonic 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-C7-11verzweigte 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≥0.3%of dihexyl phthalate	68515-51-5, 68648-93-1	%	0.005	0.075	ND
Conclusion					**Pass**

-End of Test Report-