

Test Report

Number: SHAH01145281

Applicant:

Date: 29 Sep, 2019

Sample Description:

One(1) style of submitted sample said to be :

Item Name : sunglass.

Tests Conducted:

As requested by the applicant, for details refer to attached page(s).

Conclusion:

<u>Tested Sample</u>	<u>Standard</u>	<u>Result</u>
Tested Component of Submitted Sample	Polycyclic Aromatic Hydrocarbons (PAHs) content in Annex XVII Item 50 of the REACH Regulation (EC) No. 1907/2006 & amendment (EU) No. 1272/2013	Pass
	Short-Chain Chlorinated Paraffins (C10~C13)(SCCPs) requirement in Regulation (EU) 2019/1021 on Persistent Organic Pollutants (POPs)	Pass
	Phthalates content requirement in Annex XVII Item 51 of the REACH Regulation (EC) No. 1907/2006 & Amendment No. 552/2009 & Amendment Commission Regulation (EU) 2018/2005 (formerly known as Directive 2005/84/EC)	Pass

To be continued

Authorized By:

Intertek Testing Services Ltd, Shanghai, Wenzhou Branch



Peter Chen
General Manager



Test Report

Number: SHAH01145281

Tests Conducted

1 Polycyclic Aromatic Hydrocarbons (PAHs) Content

With reference to AfPS GS 2014:01 PAK, by solvent extraction and determined by Gas Chromatographic - Mass Spectrometry (GC/MS).

other articles:

<u>Compound</u>	<u>Result (mg/kg)</u>		<u>Requirement (mg/kg)</u>
	(1)	(2)	(Max.)
Benzo(a)pyrene	ND	ND	1
Benzo(e)pyrene	ND	ND	1
Benzo(a)anthracene	ND	ND	1
Chrysene	ND	ND	1
Benzo(b)fluoranthene	ND	ND	1
Benzo(j)fluoranthene	ND	ND	1
Benzo(k)fluoranthene	ND	ND	1
Dibenzo(a,h)anthracene	ND	ND	1

Remark : The above limit was quoted according to Annex XVII Items 50 of the REACH Regulation (EC) No.1907/2006 & amendment (EU) No. 1272/2013 for Polycyclic Aromatic Hydrocarbons (PAHs).

ND = Not Detected
Detection limit = 0.2 mg/kg

Test item is tested in Intertek CNAS L3439.

Tested components: See component list in the last section of this report.

Date sample received : Sep.24, 2019

Testing period : Sep.24, 2019 To Sep.29, 2019

To be continued

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Tests Conducted

2 Short-Chain Chlorinated Paraffins (C10~C13)(SCCPs) Content

By solvent extraction, determined by Gas Chromatography-Electron Capture Detector (GC-ECD) and Gas Chromatography-Negative Chemical Ionization-Mass Spectrometry (GC-NCI-MS).

<u>Tested Component</u>	<u>Result (%. w/w)</u>
(1)	ND
(2)	ND

Requirement:

Short Chain Chlorinated Paraffin's concentration should be lower than 0.15% in articles under Annex I Part A of the Regulation (EU) 2019/1021 on persistent organic pollutants (POPs).

Short Chain Chlorinated Paraffin's concentration should be lower than 1% in substances or mixtures under Annex I Part A of the Regulation (EU) 2019/1021 on persistent organic pollutants (POPs).

Remark: Detection Limit = 0.01% (w/w)

ND = Not detected

Test item is tested in Intertek CNAS L3439.

Tested components: See component list in the last section of this report.

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Testing period : Sep.24, 2019 To Sep.29, 2019

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3 Phthalate Content

With reference to ISO 8124-6: 2018 method A or C, by Gas Chromatographic-Mass Spectrometric (GC-MS) analysis.

I. Annex XVII Item 51

Tested Compound	CAS No.	Result (%w/w)	Limit (%w/w)
		(1)	(Max.)
Dibutyl phthalate (DBP)	84-74-2	ND	-
Diethyl hexyl phthalate (DEHP)	117-81-7	ND	-
Benzyl butyl phthalate (BBP)	85-68-7	ND	-
Diisobutyl phthalate (DIBP)	84-69-5	ND	-
Sum of DBP,DEHP,BBP and DIBP	--	ND	0.1

The above limit was quoted according to Annex XVII Item 51 of the REACH Regulation (EC) No. 1907/2006 & Amendment No. 552/2009 & Amendment Commission Regulation (EU) 2018/2005 for phthalate content in articles.

For toys and childcare articles, DIBP limit was quoted from Commission Regulation (EU) 2018/2005 effective from 7 July 2020.

For non-toys and non-childcare articles, DBP, DEHP, BBP, DIBP limit was quoted from Commission Regulation (EU) 2018/2005 effective from 7 July 2020.

Remark: Detection Limit = 0.01%(w/w)
ND = Not Detected

Test item is tested in Intertek CNAS L3439.

Tested components: See component list in the last section of this report.

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Components List:

- (1) Green Plastic.(Frame)
- (2) Yellow Bamboo.(Leg)

End of report

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