

**Test Report**

Number: SHAH01155476

Applicant: WENZHOU OUTLOOK OPTICAL CO., LTD  
12 SHENGYE RD., LUCHENG SPECIALIZED, LIGH  
INDUSTRIAL PARK WENZHOU ZHEJIANG  
Attn: BRUCE

Date: 05 Nov, 2019

**Sample Description:**

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

Item Name : Truegrass sunglasses.  
Supplier : WENZHOU OUTLOOK OPTICAL CO., LTD.  
Country Of Origin : CHINA.

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**Tests Conducted:**

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

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**Conclusion:**

<u>Tested Sample</u>	<u>Test Item</u>	<u>Result</u>
Tested Component of Submitted Sample	Client's requirement on AfPS GS 2014:01 PAK for Polycyclic Aromatic Hydrocarbons (PAHs) content	Pass
	Client's requirement on Organic Tin content	Pass
	Client's requirement on Dimethyl Fumarate content	Pass
	Pesticides	See test data

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To be continued

Authorized By:  
Intertek Testing Services Ltd, Shanghai, Wenzhou Branch



Peter Chen  
General Manager



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Tests Conducted

1 Polycyclic Aromatic Hydrocarbons (PAHs) Content

As Per AfPS GS 2014:01 PAK, by solvent extraction and determined by Gas Chromatography – Mass Spectrometer (GC/MS).

( I ) Test Results

Testing Item	Result (in mg/kg)
	(1)
1. Benzo[a]anthracene	ND
2. Chrysene	ND
3. Benzo[b]fluoranthene	ND
4. Benzo[j]fluoranthene	ND
5. Benzo[k]fluoranthene	ND
6. Benzo[e]pyrene	ND
7. Benzo[a]pyrene	ND
8. Indeno[1,2,3-c,d]pyrene	ND
9. Dibenzo[a,h]anthracene	ND
10. Benzo[g,h,i]perylene	ND
11. Acenaphthylene	ND
12. Acenaphthene	ND
13. Fluorene	ND
14. Phenanthrene	ND
15. Anthracene	ND
16. Fluoranthene	ND
17. Pyrene	ND
<b>Sum of 11-17 PAHs</b>	ND
18. Naphthalene	ND
<b>Sum of 1-18 PAHs</b>	ND
<b>Classification of Samples (other products): Category</b>	2

ND= Not detected

Detection limit = 0.2 mg/kg

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To be continued



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( II ) Limits for PAH in Products

Parameter	Category 1	Category 2		Category 3	
/	To be taken material, which are intended in the mouth, or materials in toys intended and with long-term skin contact (longer than 30 s)	Materials that do not fall into category 1, with foreseeable contact to skin longer than 30 s (long-term skin contact) or short-term repeated skin contact <sup>a)</sup>		Materials that do not fall into category 1 or 2, with foreseeable contact to skin up to 30 s (short-term skin contact)	
/	/	Toys by RL 2009/48/EC	other products by ProdSG	Toys by RL 2009/48/EC	other products by ProdSG
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]fluoranthene	< 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
Acenaphthylen, Acenaphthen, Fluoren, Phenanthren, Pyren, Anthracen, Fluoranthren	< 1 (Sum)	< 5 (Sum)	< 10 (Sum)	< 20 (Sum)	< 50 (Sum)
Naphthalene	< 1	< 2		< 10	
Sum 18 PAHs	< 1	< 5	< 10	< 20	< 50

<sup>a)</sup> Formulation "of repeated short-term skin contact" REACH Annex XVII No. 50 supplement (REGULATION (EU) No 1272/2013)

Remark: Test item is tested in Intertek CNAS L0139.

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

Date sample received : Oct.22, 2019

Testing period : Oct.22, 2019 To Oct.28, 2019

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To be continued

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Tests Conducted

2 Organic Tin Content Test

With reference to ISO/TS 16179: 2012, by solvent extraction and followed by Gas Chromatography-Mass Spectrometry (GC-MS) Analysis.

<u>Tested Compound</u>	<u>Result (mg/kg)</u>	<u>Requirement (mg/kg)</u>
	(1)	
Monobutyl Tin (MBT)	ND	1
Monooctyl Tin (MOT)	ND	ND
Dibutyl Tin (DBT)	ND	1
Dioctyl Tin (DOT)	ND	1
Tributyl Tin (TBT)	ND	ND
Triphenyl Tin (TPhT)	ND	ND
Tetrabutyl Tin (TeBT)	ND	ND
Sum of All:	ND	--

Remark: Detection Limit = 0.025 mg/kg  
ND = Not Detected

Test item is tested in Intertek CNAS L0139.

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

Date sample received : Oct.22, 2019

Testing period : Oct.22, 2019 To Oct.28, 2019

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To be continued

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Tests Conducted

3 Dimethyl Fumarate Content

With reference to ISO/TS 16186:2012 and SHC-TP014-CCL.02. Followed by Gas Chromatographic-Mass Spectrometric (GC-MS) Analysis.

<u>Tested Component</u>	<u>Result (mg/kg)</u>	<u>Requirement (mg/kg)</u>
(1)	<0.05	ND

Remark: Detection Limit = 0.05mg/kg  
ND = Not Detected

Test item is tested in Intertek CNAS L0139.

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

Date sample received : Oct.22, 2019

Testing period : Oct.22, 2019 To Oct.28, 2019

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To be continued



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Tests Conducted

4 Pesticides residue

By solvent extraction and gas chromatography analysis using mass spectrometry (GC-MS) or electron capture detector (GC-ECD) and liquid chromatography-tandem mass spectrometry (LC-MS/MS).

<u>Tested component</u>	<u>Result (mg/kg)</u>	<u>Requirement (mg/kg)</u>
(1)	ND	ND

Remark: ND = Not Detected  
Detection Limit = 1.0 mg/kg  
Details of pesticide compounds are listed in annex I.

Test item is tested in Intertek CNAS L0139.

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

Date sample received : Oct.22, 2019  
Testing period : Oct.22, 2019 To Nov.1, 2019

Annex I			
<u>Compound</u>	<u>CAS No.</u>	<u>Compound</u>	<u>CAS No.</u>
2,4,5-T	93-76-5	Imidacloprid	138261-41-3 or 105827-78-9
2,4-D	94-75-7	Isodrine	465-73-6
Acetamiprid	135410-20-7, or 160430-64-8	Kelevan	4234-79-1
Aldicarb	116-06-3	Kepone (Chlorodecone)	143-50-0
Aldrin	309-00-2	Lindane	58-89-9
Azinophosethyl	2642-71-9	Malathion	121-75-5
Azinophosmethyl	86-50-0	MCPA	94-74-6
Bromophos-ethyl	4824-78-6	MCPB	94-81-5
Captafol	2425-06-1	Mecoprop	93-65-2 or 7085-19-0
Carbaryl	63-25-2	Methamidophos	10265-92-6
Chlordane	57-74-9	Methoxychlor	72-43-5
Chlordimeform	6164-98-3	Mirex	2385-85-5
Chlorfenvinphos	470-90-6	Monocrotophos	6923-22-4
Clothianidin	210880-92-5	Nitenpyram	150824-47-8 or 120738-89-8
Coumaphos	56-72-4	Parathion	56-38-2
Cyfluthrin	68359-37-5	Parathion-methyl	298-00-0
Cyhalothrin	91465-08-6	Perthane	72-56-0
Cypermethrin	52315-07-8	Phosdrin/Mevinphos	7786-34-7
DDD	72-54-8 and 53-19-0	Profenophos	41198-08-7
DDE	72-55-9 and 3424-82-6	Propetamphos	31218-83-4
DDT	50-29-3 and 789-02-6	Quinalphos	13593-03-8
DEF (Tribufos)	78-48-8	Strobane	8001-50-1
Deltamethrin	52918-63-5	Telodrine	297-78-9
Diazinon	333-41-5	Thiacloprid	111988-49-9
Dichlorprop	120-36-5	Thiamethoxam	153719-23-4
Dicrotophos	141-66-2	Toxaphene	8001-35-2
Dieldrin	60-57-1	Trifluralin	1582-09-8
Dimethoate	60-51-5	Chlorobenzilate	510-15-6



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Dinoseb, its salts and acetate	88-85-7	Phosphamidon	13171-21-6
Dinotefuran	165252-70-0	2,4,5-TP (Silvex)	93-72-1
Endosulfan, $\alpha$	959-98-8	Chlorothalonil	1897-45-6
Endosulfan, $\beta$	33213-65-9	Dicofol	115-32-2
Endrine	72-20-8	Dichlofluanide	1085-98-9
Esfenvalerate	66230-04-4	Dichlofenthion	97-17-6
Fenvalerate	51630-58-1	Dinoseb acetate	2813-95-8
Heptachlor	76-44-8	Fenchlorphos	299-84-3
Heptachloroepoxide	1024-57-3 and 28044-83-9	Pentachloroanisole	1825-21-4
Hexachlorobenzene	118-74-1	Permethrin	52645-53-1
Hexachlorocyclohexane, $\alpha$	319-84-6	Quintozone(pentachloronitro benzene)	82-68-8
Hexachlorocyclohexane, $\beta$	319-85-7	Tolyfluanide	731-27-1
Hexachlorocyclohexane, $\delta$	319-86-8	Timiperone (DTTB)	57648-21-2

To be continued



**Test Report**

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**Component List:**

- (1) Beige Grass Fiber (Raw Materials)

End of report

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