Report No.: U01501210317801E

UONE

Query Password: QW7552 Date

Date: Mar. 23, 2021

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Applicant:Guangzhou Wande Packaging Products Co., Ltd.Contact information:107, No. 10, Jiucun South Road, Jiushuikeng Village, Dalong Street, Panyu District,<br/>Guangzhou City.

The following sample(s) was (were) submitted and identified by client as:

PP

- Sample Name Sample Received Date Testing Period Test Request Test Result(s)
- Mar. 17, 2021
- From Mar. 17, 2021 to Mar. 23, 2021
- : Please refer to next page(s).
- : Please refer to next page(s).

Signed for and on behalf of Shen Zhen UONE Test Co., LTD.

Prepared by

Checked by

Approved by

Max Wu

Levent Liang

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Nora Deng

深圳市宇冠检测有限公司 Shen Zhen UONE Test Co., LTD. Hotline:400-774-3358 Web:www.uonetest.com 光明科技园B4栋4B单元 Unit 4B.

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Sum	imary of test results:		<u> </u>	<del></del>
TES	T REQUEST			CONCLUSION
(1)	RoHS Directive 2011/65/EU and 2015/863	l its subsequent amendments & D	Directive (EU)	
	Lead (Pb), Cadmium(Cd), Mercu	ury(Hg), Hexavalent Chromium(C	r(VI)),	
	Polybrominated Biphenyls (PBB	s) and Polybrominated DiphenylE	Ethers (PBDEs),	PASS
	Phthalates (DBP, BBP, DEHP, D	IBP)		
				V V

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Test Material List	2. 20.	10	50	50	20	20	50	50	
Material No.	30 30	Description (Location)							
1, <sup>1</sup> 0, <sup>1</sup> 0,	24. 104	1012	101	White pla	stic(sheet)	1012	10%	,0h	

#### Test Result(s):

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(1) Lead (Pb), Cadmium(Cd), Mercury(Hg), Hexavalent Chromium(Cr(VI)), Polybrominated Biphenyls (PBBs) and Polybrominated DiphenylEthers (PBDEs), Phthalates (DBP, BBP, DEHP, DIBP) Lead (Pb), Cadmium(Cd), Mercury(Hg), Hexavalent Chromium(Cr(VI))

<u>Test Method:</u> With reference to IEC 62321-5: 2013, IEC62321-4: 2013+A1:2017, IEC 62321-7-1: 2015 or IEC 62321-7-2: 2017, was analyzed by ICP-OES & UV-Vis.

2 2 2 2 2	00	0	Limit	Test result				
Test Items	Unit	MDL		the star of the star				
Lead (Pb)	mg/kg	2	1000	N.D.				
Cadmium (Cd)	mg/kg	2	100	N.D.				
Mercury (Hg)	mg/kg	2	1000	N.D.				
Hexavalent Chromium(Cr(VI))	mg/kg	8	1000	N.D.				
Conclusio	n o	N .0	NY C	PASS				

#### Polybrominated Biphenyls (PBBs) and Polybrominated DiphenylEthers (PBDEs)

<u>Test Method:</u> With reference to IEC 62321-6:2015, was analyzed by Gas Chromatographic - Mass Spectrometer (GC-MS).

	Test Items	Unit	MDL	Limit	Test result		
					Mr. Mr 1 Mr. Mr		
0	Mono-bromobiphenyl	mg/kg	5	1	N.D.		
all'	Di-bromobiphenyl	mg/kg	5		N.D. (V		
10	Tri-bromobiphenyl	mg/kg	5 📎	2 1 🔨	N.D.		
20	Tetra-bromobiphenyl	mg/kg	5	<u></u>	🔨 🔍 N.D. 🌜		
JON	Penta-bromobiphenyl	mg/kg	5		N.D.		
4	Hexa-bromobiphenyl	mg/kg	5	1	N.D.		

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Hepta-bromobiphenyl	mg/kg	5	1	N.D.	201
Octa-bromobiphenyl	mg/kg	\$ 5	<u></u>	N.D	12 12
Nona-bromobiphenyl	mg/kg	5	91	N.D.	20.
Deca-bromobiphenyl	mg/kg	5	~!	N.D.	le de
Polybrominated Biphenyls (PBBs)	mg/kg	1	1000	N.D.	1. Pola
Mono-bromodiphenyl ether	mg/kg	5	1	N.D.	
Di-bromodiphenyl ether	mg/kg	5	N 1	N.D.	Mr. Ohr
Tri-bromodiphenyl ether	mg/kg	5	1	N.D.	0
Tetra-bromodiphenyl ether	mg/kg	5	×1	N.D.	HE ME
Penta-bromodiphenyl ether	mg/kg	5		N.D.	22
Hexa-bromodiphenyl ether	mg/kg	5	<u></u>	🔬 🔬 N.D.	12 12
Hepta-bromodiphenyl ether	mg/kg	5	91	N.D.	201
Octa-bromodiphenyl ether	mg/kg	5	~!	N.D.	U. U.
Nona-bromodiphenyl ether	mg/kg	5	51	N.D.	In 10km
Deca-bromodiphenyl ether	mg/kg	5	1	N.D.	
Polybrominated DiphenylEthers (PBDEs)	mg/kg	1	1000	N.D.	Hr OHR
Conclusion	0		5	PASS	07

### Phthalates (DBP, BBP, DEHP, DIBP)

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<u>Test Method</u>: With reference to IEC 62321-8: 2017, was analyzed by Gas Chromatographic - Mass Spectrometer (GC-MS).

20. 20. 20. 20.	CAS No.	Unit	MDL	Limit	Test result	
Test Substances					4. 14. 4.	
Dibutyl phthalate (DBP)	84-74-2	mg/kg	20	1000	N.D.	
Butyl benzyl phthalate (BBP)	85-68-7	mg/kg	20	1000	N.D.	
Di(2-ethylhexyl) phthalate (DEHP)	117-81-7	mg/kg	20	1000	N.D.	
Diisobutyl phthalate (DIBP)	84-69-5	mg/kg	20	1000	N.D.	
Con	clusion	NE	all	- All	PASS	

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#### Note2:

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- 1. mg/kg = milligram per kilogram (ppm).
- 2. MDL= method detection limit.
- 3. N.D.=not detected (<MDL).
- 4. "/"=Not regulated, NA = Not Applicable.

#### **Test Process Flow**



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Hexavalent Chromium (Metal)



3. PBBs & PBDEs, Phthalates

Cut and Weigh the Samples Add Organic Solvents for Extracting Concentrate the Extracted

Analyzed by GC-MS

Filter the Concentrated Solutions

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#### Photo(s) of Sample:

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\*\*\*End of Report\*\*\*

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