

Test Report

Report No.: AGC03364181003-001

Date: Oct.23, 2018

Page 1 of 7

Applicant: CHANGZHOU PENDA INTERNATIONAL TRADING CO.,LTD
Address: FENSHUI TOWN, TONGLU COUNTY, HANGZHOU, ZHEJIANG , CHINA

Report on the submitted samples said to be:

Sample Name : Ball pen with rubber finish
Model : BP AL-17020
Item No : 8298
Country of Origin : CHINA
Country of Destination : EUROPE
Sample Receiving Date : Oct.15, 2018
Testing Period : Oct.15, 2018 to Oct.23, 2018
Test site : Building 2, No.171, Meihua Road, Shangmeilin, Futian district, Shenzhen, Guangdong, China

Test Requested: : Please refer to next page(s).

Test Method : Please refer to next page(s).

Test Result : Please refer to next page(s).

Approved by: 

Liulinwen, Lewis

Technical Director



The results shown in this test report refer only to the sample(s) tested unless otherwise stated and the sample(s) are retained for 30 days only. The document is issued by AGC, this document cannot be reproduced except in full with our prior written permission. The more details and the authenticity of the report will be confirmed at <http://www.agc-cert.com>.

Test Report

Report No.:AGC03364181003-001

Date: Oct.23, 2018

Page 2of 7

Test Requested:

1. As specified by client, to determine the Cadmium(Cd)content in the Submitted sample(s) with reference to entry 23, Annex XVII of the REACH Regulation (EC) No 1907/2006.
2. As specified by client, to determine the Polycyclic Aromatic Hydrocarbons (PAHs) content in the submitted sample(s) with reference to entry 50, Annex XVII of the REACH Regulation (EC) No 1907/2006.
- 3.As specified by client, to determine the phtalates content in the submitted sample(s) with reference to entry 51 & 52, Annex XVII of the REACH Regulation (EC) No 1907/2006 .

Conclusion

Pass

Pass

Pass

The results shown in this test report refer only to the sample(s) tested unless otherwise stated and the sample(s) are retained for 30 days only. The document is issued by AGC, this document cannot be reproduced except in full with our prior written permission. The more details and the authenticity of the report will be confirmed at <http://www.agc-cert.com>.

AGC

Attestation of Global Compliance Std. & Tech.

Tel: +86-755 8358 3833 Fax: +86-755 2531 6612 E-mail: agc01@agc-cert.com 400 089 2118
Add: Building 2, No.171, Meihua Road, Shangmeilin, Futian District, Shenzhen, Guangdong China

No.18 C

Test Report

Report No.: AGC03364181003-001

Date: Oct.23, 2018

Page 3of 7

Test Result(s):
1. Test Result(s) of Cd:

Unit: mg/kg

Test item(s)	Test Method/ Equipment	MDL	Result(s)			Limit
			1-1	1-11	1-12	
Cadmium (Cd)	Refer to EN1122:2001 ICP-OES	5	N.D.	N.D.	N.D.	100
Conclusion		/	Pass	Pass	Pass	/

Unit: mg/kg

Test item(s)	Test Method/ Equipment	MDL	Result(s)					Reference Limit
			1-2	1-3	1-4	1-5	1-6	
Cadmium (Cd)	Refer to EPA 3050B:1996& EPA 6010C:2007 ICP-OES	5	N.D.	N.D.	N.D.	N.D.	N.D.	100
Conclusion		/	Pass	Pass	Pass	Pass	Pass	/

Unit: mg/kg

Test item(s)	Test Method/ Equipment	MDL	Result(s)					Reference Limit
			1-7	1-8	1-9	1-10	1-13	
Cadmium (Cd)	Refer to EPA 3052:1996& EPA 6010C:2007 ICP-OES	5	N.D.	N.D.	N.D.	N.D.	N.D.	100
Conclusion		/	Pass	Pass	Pass	Pass	Pass	/

- Note:**
1. MDL=Method Detection Limit
 2. N.D.=Not Detected(less than method detection limit)
 3. As specified by client, only test the designated sample

The results shown in this test report refer only to the sample(s) tested unless otherwise stated and the sample(s) are retained for 30 days only. The document is issued by AGC, this document cannot be reproduced except in full with our prior written permission. The more details and the authenticity of the report will be confirmed at <http://www.agc-cert.com>.



Test Report

Report No.: AGC03364181003-001

Date: Oct.23, 2018

Page 4of 7

2. Test result of Polycyclic Aromatic Hydrocarbons (PAHs)

Unit: mg/kg

Test Item(s)	Test Method /Equipment	MDL	Result(s)	Limit
			1-1	
Benzo[a]anthracene (BaA)	Refer to AfPS GS 2014:01 PAK GC-MS	0.1	N.D.	1
Chrysene (CHR)		0.1	N.D.	1
Benzo[b]fluoranthene (BbFA)		0.1	N.D.	1
Benzo[k]fluoranthene (BkFA)		0.1	N.D.	1
Benzo[j]fluoranthene(BjFA)		0.1	N.D.	1
Benzo[a]pyrene (BaP)		0.1	N.D.	1
Benzo[e]pyrene(BeP)		0.1	N.D.	1
Dibenzo[a,h]anthracene (DBAhA)		0.1	N.D.	1
Sum of 8 PAHs		—	N.D.	/
Conclusion		/	Pass	/

- Note:**
1. MDL=Method Detection Limit
 2. N.D.=Not Detected(less than method detection limit)
 3. As specified by client, only test the designated sample.

3. Test result of phthalates content

Unit: %, w/w

Test Item(s)	Test Method/ Equipment	MDL	Result(s)	Limit
			1-1	
Dibutyl phthalate (DBP)	Refer to EN 14372:2004 GC-MS	0.01	N.D.	—
Butylbenzyl phthalate (BBP)		0.01	N.D.	
Di- (2-ethylhexyl) phthalate (DEHP)		0.01	N.D.	
Sum of DBP+BBP+DEHP		—	N.D.	0.1
Di-n-octyl phthalate (DNOP)		0.01	N.D.	—
Di-isononyl phthalate (DINP)		0.01	N.D.	
Di-isodecyl phthalate (DIDP)		0.01	N.D.	
Sum of DNOP+DINP+DIDP		—	N.D.	0.1
Conclusion		/	Pass	/

The results shown in this test report refer only to the sample(s) tested unless otherwise stated and the sample(s) are retained for 30 days only. The document is issued by AGC, this document cannot be reproduced except in full with our prior written permission. The more details and the authenticity of the report will be confirmed at <http://www.agc-cert.com>.



Test Report

Report No.: AGC03364181003-001

Date: Oct.23, 2018

Page 5 of 7

- Note:**
1. 0.1%,w/w =1000mg/kg
 2. MDL=method detection limit
 3. N.D.=not detected (less than method detection limit)
 4. “—” =Not regulated
 - 5.As specified by client, only test the designated sample

Sample Description

1-1	White plastic button
1-2	Black coating
1-3	Grey coating
1-4	Blue coating
1-5	Orange coating
1-6	Red coating
1-7	Brown coating
1-8	Dark grey coating
1-9	Aluminum pen tube
1-10	Metal pen clip
1-11	Blue plastic(inside)
1-12	White plastic pen core pipe
1-13	Silver spring

The results shown in this test report refer only to the sample(s) tested unless otherwise stated and the sample(s) are retained for 30 days only. The document is issued by AGC, this document cannot be reproduced except in full with our prior written permission. The more details and the authenticity of the report will be confirmed at <http://www.agc-cert.com>.



AGC

Attestation of Global Compliance Std. & Tech.

No.18 C
Tel: +86-755 8358 3833 Fax: +86-755 2531 6612 E-mail: agc01@agc-cert.com 400 089 2118
Add: Building 2, No.171, Meihua Road, Shangmeilin, Futian District, Shenzhen, Guangdong China

Test Report

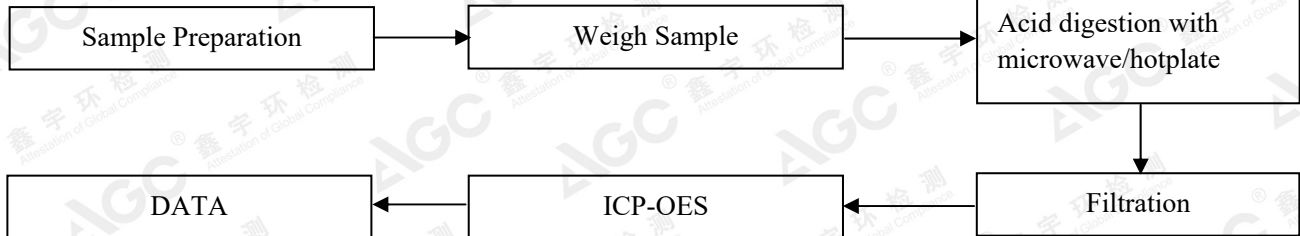
Report No.: AGC03364181003-001

Date: Oct.23, 2018

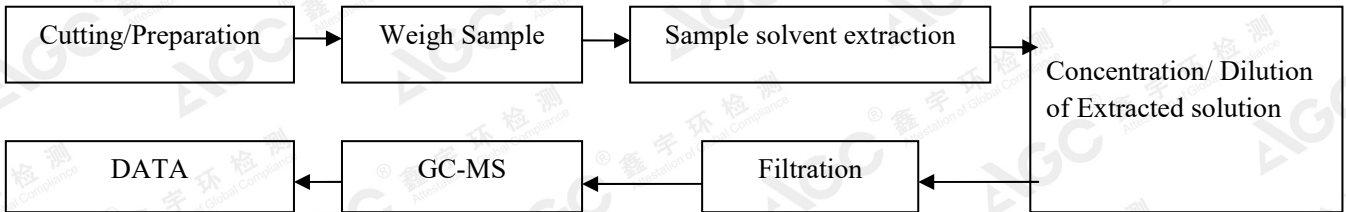
Page 6of 7

Test Flow Chart

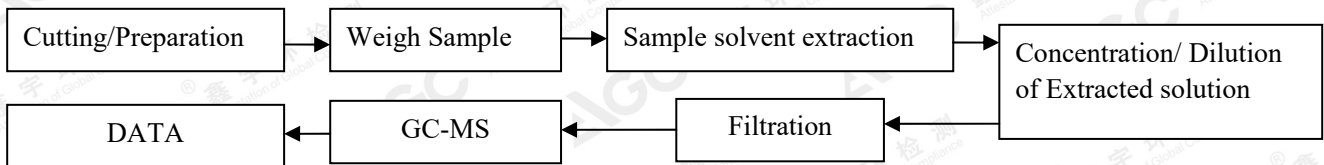
1. For Cd



2. For PAHs



3. For phthalates



The results shown in this test report refer only to the sample(s) tested unless otherwise stated and the sample(s) are retained for 30 days only. The document is issued by AGC, this document cannot be reproduced except in full with our prior written permission. The more details and the authenticity of the report will be confirmed at <http://www.agc-cert.com>.



Test Report

Report No.:AGC03364181003-001

Date: Oct.23, 2018

Page 7of 7

The photo of the sample



AGC03364181003-001

AGC authenticate the photo on original report only

*** End of Report***

The results shown in this test report refer only to the sample(s) tested unless otherwise stated and the sample(s) are retained for 30 days only. The document is issued by AGC, this document cannot be reproduced except in full with our prior written permission. The more details and the authenticity of the report will be confirmed at <http://www.agc-cert.com>.

AGC

Attestation of Global Compliance Std. & Tech.

Tel: +86-755 8358 3833 Fax: +86-755 2531 6612 E-mail: agc01@agc-cert.com 400 089 2118
Add: Building 2, No.171, Meihua Road, Shangmeilin, Futian District, Shenzhen, Guangdong China

No.18 C