QIMA

TEST REPORT

Test Report #	23W-002928	Date of Report Issue:	March 17, 2023
Date of Sample Received:	March 13, 2023	Pages:	Page 1 of 15
CLIENT INFORMATION:			
Company:	Spector & Co.		
Address:	testing@spectorandco	o.com	
SAMPLE INFORMATION:			4 5 6 7 8 91001 2 3 4 5 6 7 8 9101 2 3 4 5 6 7 8 91231
Description:	ROMILDA BALLPOINT	PEN	and a second
Assortment:	BKCH/BKGM/WHCH		
PO No.:	-		
Item No./Name:	G3113		
Item Class:			
Factory/Supplier:	USB034		
Country of Origin:	China		
Country of Distribution:	Canada, United States		
Testing Period:	03/14/2023-03/17/20	23	

OVERALL RESULT:

RC-CSHZ-R063

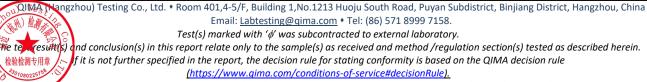


Please refer to the following pages for test result summary and appropriate notes.

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Loremy. Xu

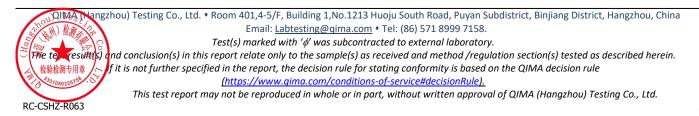
Jeremy Xu Chemical Laboratory Supervisor



TEST RESULTS SUMMARY:

At the request of the client, the following tests were conducted:

CONCLUSION	TEST(S) CONDUCTED
PASS	California Proposition 65, Total Lead in Paints and Surface Coatings
PASS	California Proposition 65, Total Lead in Substrate Materials
PASS	Canadian Surface Coating Materials Regulations SOR/2016-193, Total Lead and Mercury in Stickers, Films and Surface Coating Materials
PASS	Canadian Consumer Products Containing Lead Regulations (SOR/2018-83), Total Lead Content
PASS	California Proposition 65, Total Cadmium in Paints and Surface Coatings
PASS	California Proposition 65, Total Cadmium in Substrate Materials
Information only	Client's requirement, Total Nickel content
Information only	Client's Requirement, Total Tungsten content
PASS	CPSC 16 CFR 1307 Prohibition of Children's Toys and Child Care Articles Containing Specified Phthalates (DBP, BBP, DEHP, DINP, DHEXP / DnHP, DCHP, DIBP, DPENP)
PASS	California Proposition 65, Phthalates (DBP, BBP, DEHP, DINP, DIDP, DnHP)
PASS	Client's Requirement, Phthalates content





California Proposition 65, Total Lead in Paints and Surface Coatings

Test Method:CPSC-CH-E1003-09.1Analytical Method:Inductively Coupled Plasma-Optical Emission Spectrometry

Specimen No.	1+6+12					Limit
Test Item	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	(mg/kg)
Total Lead (Pb)	ND					90
Conclusion	PASS					

Note:

mg/kg =Milligrams per kilogram LT = Less than

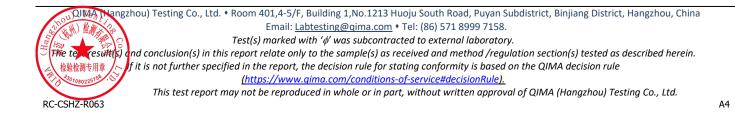
ND = Not detected (Reporting Limit = 15mg/kg)

Composite results are based on specimen of least mass resulting in highest potential concentration.

Remark:

The specification is quoted from client's requirement.

Creasing on No.	Transferre	Date of Issue	
Specimen No.	Report No. Specimen No.		
1+6+12	23W-002926	1+6+11	March 17, 2023





DETAILED RESULTS:

California Proposition 65, Total Lead in Substrate Materials

Test Method:CPSC-CH-E1001-08.3 (Metal), CPSC-CH-E1002-08.3 (Non-Metal)Analytical Method:Inductively Coupled Plasma-Optical Emission Spectrometry

Specimen No.	2	3	4+13	5+9	7	Limit
Test Item	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	(mg/kg)
Total Lead (Pb)	ND	ND	ND	ND	ND	100
Conclusion	PASS	PASS	PASS	PASS	PASS	

Specimen No.	8	10	11	14		Limit
Test Item	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	(mg/kg)
Total Lead (Pb)	50	ND	ND	ND		100
Conclusion	PASS	PASS	PASS	PASS		

Note:

mg/kg =Milligrams per kilogram

LT = Less than

ND = Not detected (Reporting Limit =15 mg/kg)

Composite results are based on specimen of least mass resulting in highest potential concentration.

Remark:

The specification is quoted from client's requirement.

Data Consolidation Reference:

Specimen No.	Transferre	Date of Issue		
Specimen No.	Report No.	Specimen No.	Date of issue	
2	23W-002926	2	March 17, 2023	
7	23W-002926	7	March 17, 2023	
8	23W-002926	8	March 17, 2023	
10	23W-002926	10	March 17, 2023	



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Test(s) marked with ' ϕ ' was subcontracted to external laboratory.

The tex result(s) and conclusion(s) in this report relate only to the sample(s) as received and method /regulation section(s) tested as described herein. 检验检测专用章 / f it is not further specified in the report, the decision rule for stating conformity is based on the QIMA decision rule (https://www.ajma.com/conditions-of-service#decisionRule).



Canadian Surface Coating Materials Regulations SOR/2016-193, Total Lead and Mercury in Stickers, Films and Surface Coating Materials

Test Method:	ASTM F963-17 Clause 8.3.1
Analytical Method:	Inductively Coupled Plasma-Optical Emission Spectrometry

Specimen No.	1+6+12					Total
Test Item	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Limit (mg/kg)
Total Lead (Pb)	ND					90
Total Mercury (Hg)	ND					10
Conclusion	PASS					

Note:

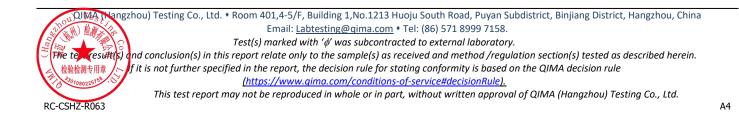
mg/kg=Milligrams per kilogram

LT = Less than

ND = Not detected (Reporting Limit: Pb=15 mg/kg; Hg = 10 mg/kg)

Composite results are based on specimen of least mass resulting in highest potential concentration.

Specimen No.	Transferre	Data of Issue		
Specimen No.	Report No.	Specimen No.	Date of Issue	
1+6+12	23W-002926	1+6+11	March 17, 2023	





DETAILED RESULTS:

Canadian Consumer Products Containing Lead Regulations (SOR/2018-83), Total Lead Content

Test Method:	ASTM F963-17 Clause 8.3.1
Analytical Method:	Inductively Coupled Plasma-Optical Emission Spectrometry

Specimen No.	1+6+12	2	3	4+13	5+9	Limit
Test Item	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	(mg/kg)
Total Lead (Pb)	ND	ND	ND	ND	ND	90
Conclusion	PASS	PASS	PASS	PASS	PASS	

Specimen No.	7	8	10	11	14	Limit
Test Item	Result	Result	Result	Result	Result	(mg/kg)
	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	
Total Lead (Pb)	ND	50	ND	ND	ND	90
Conclusion	PASS	PASS	PASS	PASS	PASS	

Note:

mg/kg=Milligrams per kilogram)

LT = Less than

ND = Not detected (Reporting Limit = 15 mg/kg)

Composite results are based on specimen of least mass resulting in highest potential concentration.

Data Consolidation Reference:

Specimen No.	Transferre	Data of Issue	
	Report No.	Specimen No.	Date of Issue
1+6+12	23W-002926	1+6+11	March 17, 2023
2	23W-002926	2	March 17, 2023
7	23W-002926	7	March 17, 2023
8	23W-002926	8	March 17, 2023
10	23W-002926	10	March 17, 2023



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California Proposition 65, Total Cadmium in Paints and Surface Coatings

Test Method:ASTM F963-17 Clause 8.3.1Analytical Method:Inductively Coupled Plasma-Optical Emission Spectrometry

Specimen No.	1+6+12					Limit
Test Item	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	(mg/kg)
Total Cadmium (Cd)	ND					75
Conclusion	PASS					

Note:

mg/kg =Milligrams per kilogram LT = Less than

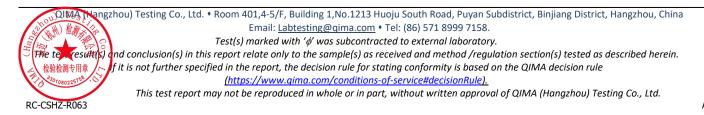
ND = Not detected (Reporting Limit = 15 mg/kg)

Composite results are based on specimen of least mass resulting in highest potential concentration.

Remark:

The specification is quoted from client's requirement.

Specimen No.	Transferre	Data of Issue	
	Report No.	Specimen No.	Date of Issue
1+6+12	23W-002926	1+6+11	March 17, 2023





California Proposition 65, Total Cadmium in Substrate Materials

Test Method:ASTM F963-17 Clause 8.3.1Analytical Method:Inductively Coupled Plasma-Optical Emission Spectrometry

Specimen No.	2	3	4+13	5+9	7	Limit
Test Item	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	(mg/kg)
Total Cadmium (Cd)	ND	ND	ND	ND	ND	75
Conclusion	PASS	PASS	PASS	PASS	PASS	

Specimen No.	8	10	11	14		Limit
Test Item	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	(mg/kg)
Total Cadmium (Cd)	ND	ND	ND	ND		75
Conclusion	PASS	PASS	PASS	PASS		

Note:

mg/kg =Milligrams per kilogram

LT = Less than

ND = Not detected (Reporting Limit = 15 mg/kg)

Composite results are based on specimen of least mass resulting in highest potential concentration.

Remark:

The specification is quoted from client's requirement.

Data Consolidation Reference:

Specimen No.	Transferre	Date of Issue	
	Report No.	Specimen No.	Date of issue
2	23W-002926	2	March 17, 2023
7	23W-002926	7	March 17, 2023
8	23W-002926	8	March 17, 2023
10	23W-002926	10	March 17, 2023



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DETAILED RESULTS:

Client's requirement, Total Nickel content

Test Method:	US EPA 3052:1996 & US EPA 6010D:2014
Analytical Method:	Inductively Coupled Plasma-Optical Emission Spectrometry

Specimen No.	2+10	3+11+14	7+8			Limit
Test Item	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	(mg/kg)
Total Nickel (Ni)	15160	21300	30776			
Conclusion	Information only	Information only	Information only			

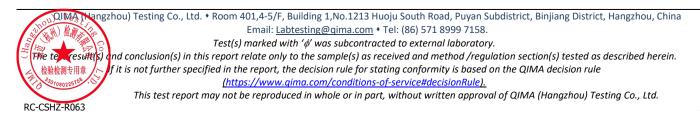
Note:

mg/kg = Milligrams per kilogram

ND = Not detected (report limit = 30 mg/kg)

Composite results are based on specimen of least mass resulting in highest potential concentration.

Specimen No.	Transferre	Data of Issue	
	Report No.	Specimen No.	Date of Issue
2+10	23W-002926	2+10	March 17, 2023
7+8	23W-002926	7+8	March 17, 2023





DETAILED RESULTS:

Client's Requirement, Total Tungsten content

Test Method:	US EPA 3052:1996 & US EPA 6010D:2014
Analytical Method:	Inductively Coupled Plasma-Optical Emission Spectrometry

Specimen No.	2+10	3+11+14	7+8			Limit
Test Item	Result	Result	Result	Result	Result	(mg/kg)
	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	
Total Tungsten (W)	ND	42	2199			
Conclusion	Information	Information	Information			
Conclusion	only	only	only			

Note:

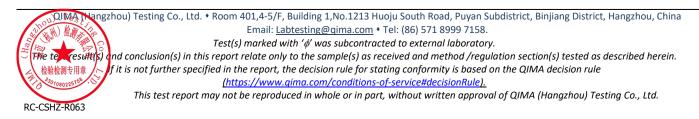
mg/kg = Milligrams per kilogram

LT = Less than

ND = Not detected (Reporting Limit = 15 mg/kg)

Composite results are based on specimen of least mass resulting in highest potential concentration.

Specimen No.	Transferre	Date of Issue	
Specimen No.	Report No.	Specimen No.	Date of issue
2+10	23W-002926	2+10	March 17, 2023
7+8	23W-002926	7+8	March 17, 2023





DETAILED RESULTS:

CPSC 16 CFR 1307 Prohibition of Children's Toys and Child Care Articles Containing Specified Phthalates (DBP, BBP, DEHP, DINP, DHEXP / DnHP, DCHP, DIBP, DPENP)

Test Method:	CPSC-CH-C1001-09.4
Analytical Method:	Gas Chromatography with Mass Spectrometry

Specimen N	0.	1+6+12	4+13	5+9		Limit
Test Item	CAS No.	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	(mg/kg)
Dibutyl phthalate (DBP)	84-74-2	ND	ND	ND		1000
Benzyl butyl phthalate (BBP)	85-68-7	ND	ND	ND		1000
Di-(2-ethylhexyl) phthalate (DEHP)	117-81-7	168	ND	ND		1000
Diisononyl phthalate (DINP)	28553-12-0 68515-48-0	ND	ND	ND		1000
Di-n-hexyl phthalate (DHEXP / DnHP)	84-75-3	ND	ND	ND		1000
Dicyclohexyl phthalate (DCHP)	84-61-7	ND	ND	ND		1000
Diisobutyl phthalate (DIBP)	84-69-5	ND	ND	ND		1000
Di-n-pentyl phthalate (DPENP)	131-18-0	ND	ND	ND		1000
Conclusior	1	PASS	PASS	PASS		

Note:

mg/kg = Milligrams per kilogram

LT = Less than

检验检测专用章

RC-CSHZ-R063

ND = Not detected (Reporting Limit = 150 mg/kg)

Composite results are based on specimen of least mass resulting in highest potential concentration.

Data Consolidation Reference:

Crosimon No.	Transferre	Data of lague	
specimen No.	Specimen No. Report No.		 Date of Issue
1+6+12	23W-002926	1+6+11	March 17, 2023

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Test(s) marked with ' ϕ ' was subcontracted to external laboratory.

📅 tē 🛒 result 🕼 🖣 nd conclusion(s) in this report relate only to the sample(s) as received and method /regulation section(s) tested as described herein. f it is not further specified in the report, the decision rule for stating conformity is based on the QIMA decision rule (https://www.gima.com/conditions-of-service#decisionRule).

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DETAILED RESULTS:

California Proposition 65, Phthalates (DBP, BBP, DEHP, DINP, DIDP, DnHP)

Test Method:	CPSC-CH-C1001-09.4
Analytical Method:	Gas Chromatography with Mass Spectrometry

Specimen N	0.	1+6+12	4+13	5+9		Limit
Test Item	CAS No.	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	(mg/kg)
Dibutyl phthalate (DBP)	84-74-2	ND	ND	ND		1000
Benzyl butyl phthalate (BBP)	85-68-7	ND	ND	ND		1000
Di-(2-ethylhexyl) phthalate (DEHP)	117-81-7	168	ND	ND		1000
Diisononyl phthalate (DINP)	28553-12-0 68515-48-0	ND	ND	ND		1000
Diisodecyl phthalate (DIDP)	26761-40-0 68515-49-1	ND	ND	ND		1000
Di-n-hexyl phthalate (DnHP)	84-75-3	ND	ND	ND		1000
Conclusior	ı	PASS	PASS	PASS		

Note:

mg/kg (Milligrams per kilogram) = 0.0001 % w/w (Percent by weight)

LT = Less than

ND = Not detected (Reporting Limit = 150 mg/kg)

Composite results are based on specimen of least mass resulting in highest potential concentration.

Remark:

检验检测专用章

RC-CSHZ-R063

The specification is quoted from client's requirement.

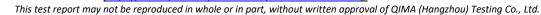
Data Consolidation Reference:

Specimen No.	Transferre	Data of Issue	
Specimen No.	Report No.	Specimen No.	Date of Issue
1+6+12	23W-002926	1+6+11	March 17, 2023



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Client's Requirement, Phthalates content

Test Method:CPSC-CH-C1001-09.4Analytical Method:Gas Chromatography with Mass Spectrometry

Specimen No	D .	1+6+12	4+13	5+9		Limit
Test Item	CAS No.	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	(mg/kg)
Dibutyl phthalate (DBP)	84-74-2	ND	ND	ND		1000
Benzyl butyl phthalate (BBP)	85-68-7	ND	ND	ND		1000
Di-(2-ethylhexyl) phthalate (DEHP)	117-81-7	168	ND	ND		1000
Diisononyl phthalate (DINP)	28553-12-0 68515-48-0	ND	ND	ND		1000
Diisodecyl phthalate (DIDP)	26761-40-0 68515-49-1	ND	ND	ND		1000
Di-n-hexyl phthalate (DHEXP / DnHP)	84-75-3	ND	ND	ND		1000
Di-n-octyl phthalate (DNOP)	117-84-0	ND	ND	ND		1000
Diethyl phthalate (DEP)	84-66-2	ND	ND	ND		1000
Diisobutyl phthalate (DIBP)	84-69-5	ND	ND	ND		1000
Dicyclohexyl phthalate (DCHP)	84-61-7	ND	ND	ND		1000
Di-n-pentyl phthalate (DPENP/DnPP)	131-18-0	ND	ND	ND		1000
Conclusion		PASS	PASS	PASS		

Note:

mg/kg (Milligrams per kilogram) = 0.0001 % w/w (Percent by weight)

LT = Less than

ND = Not detected (Reporting Limit = 150 mg/kg)

Composite results are based on specimen of least mass resulting in highest potential concentration.

Data Consolidation Reference:

Specimen No.	Transferre	Data of Issue	
Specimen No.	Report No.	Specimen No.	Date of Issue
1+6+12	23W-002926	1+6+11	March 17, 2023

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SPECIMEN DESCRIPTION:

Specimen No.	Specimen Description	Location
1	Black coating	Barrel (black style/dull silvery style)
2	Silvery metal	Below barrel (black style)
3	Silvery metal	Top barrel (black style)
4	Silvery plated light grey plastic	Clip top (black style)
5	White plastic	Below barrel inner (black style)
6	Black ink	Cartridge (black style)
7	Silvery metal	Cartridge (black style)
8	Silvery metal	Nib (black style)
9	Black plastic	Cartridge end (black style)
10	Silvery metal	Cartridge sleeve (black style)
11	Silvery metal	Clip (black style)
12	White coating	Barrel (white style)
13	Dull silvery plated light grey plastic	Top (dull silvery style)
14	Dull silvery metal	Below barrel (dull silvery style)



SAMPLE PHOTO:





-End Report-

