

Flashbay Electronics
Building2, Jixun Industrial Park, Xinjiao, Dong'ao
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City, Guangdong Province, P.R.China

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TEST REPORT

Test Report No. : **4944837.51** Version 1

Project No. : **4944837.00**

Test report date : **2025-10-28**

Job No. : 25-03463

Applicant : Flashbay Electronics
Building2, Jixun Industrial Park, Xinjiao, Dong'ao Village, Shatian
Town, Huiyang District, Huizhou City, Guangdong Province, P.R.China

Product Name : Pen Series / Multi Tool

Model No. : Gravity (GV),
Architect (AH),
Star (SY)

Reference Information : Annex 1 (List was provided by applicant)

Test Requested

- 1) With reference to California Proposition 65
 - Total Cadmium
 - Total Lead (Pb)
 - Phthalates

Conclusion:

SEE RESULTS
SEE RESULTS
SEE RESULTS

Sample Received : 2025-09-16, 2025-09-26, 2025-10-09

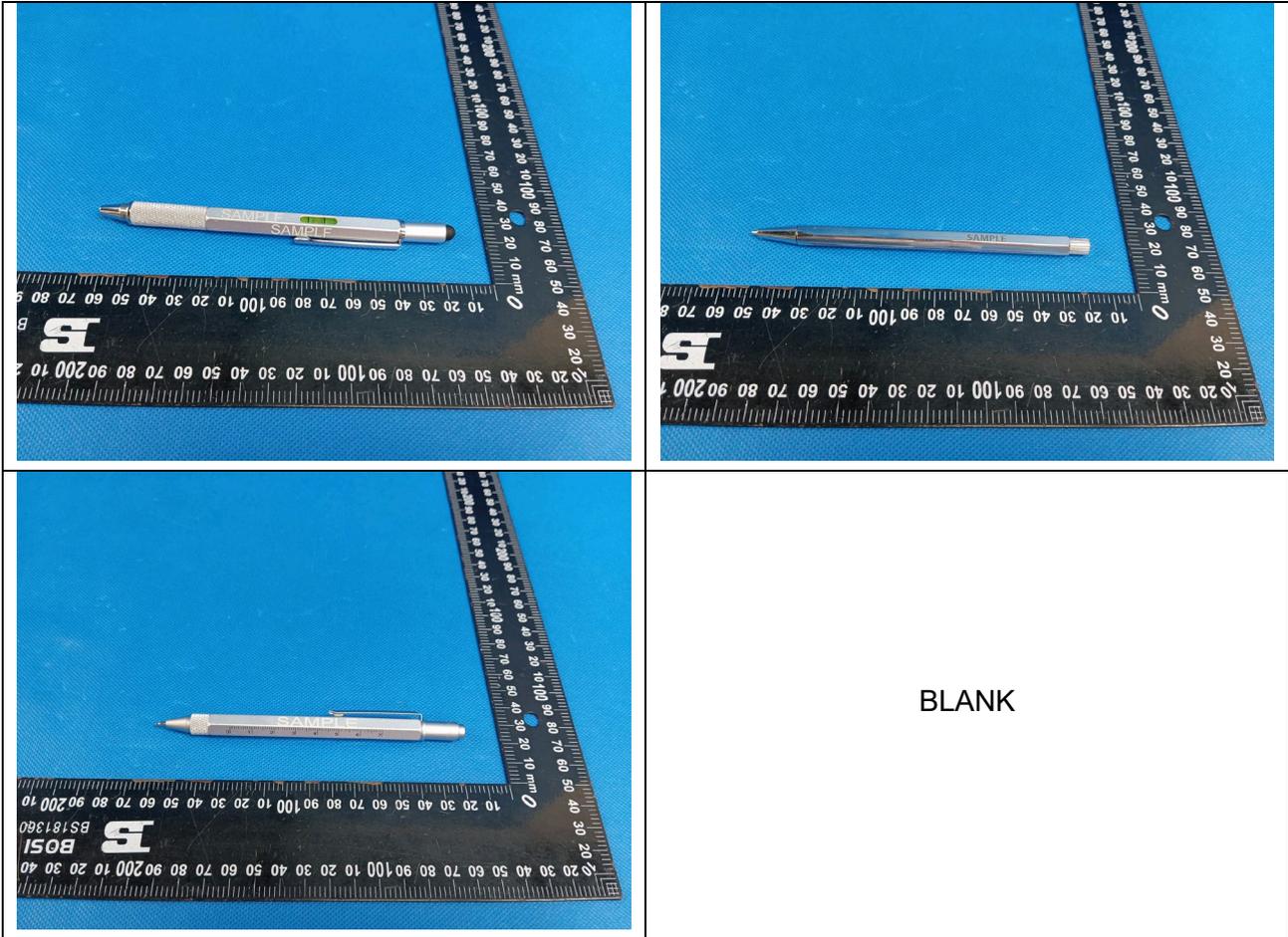
Resubmitted sample Received : 2025-10-22

Date

Testing Period : 2025-09-16 to 2025-10-28

Test Results : Refer to data listed in following pages

TESTED SAMPLE PHOTO:



Signed for and on behalf of
DEKRA Testing and Certification (Shanghai) Ltd., Guangzhou branch
Chemical & Mechanical




Devin Ai
Laboratory Manager

Attention: Please note that every statement made in this report is only valid for the samples tested and reported herein. This report shall not be reproduced except in full, without the written approval of the testing laboratory.

TESTED COMPONENTS:

- (1) Grey/black/light grey coating on metal (pencil body) (Mechanical pencils)
- (2) Silver metal (pencil body) (Mechanical pencils)
- (3) White plastic (pencil core tube) (Mechanical pencils)
- (4) Black material (pencil core) (Mechanical pencils)
- (5) Silver metal (spring) (Mechanical pencils)
- (6) White plastic (connected to pen core tube and pencil tip) (Mechanical pencils)
- (7) Silver metal (pencil tip) (Mechanical pencils)
- (8) Black coating on metal (printing on pen body) (metal pens)
- (9) Silver metal (pen body) (metal pens)
- (10) White plastic (inner top rod/turntable of pen cap) (metal pens)
- (11) Silver metal (pen refill) (metal pens)
- (12) Black plastic (pen refill) (metal pens)
- (13) Black ink (metal pens/Tool pen)
- (14) Silver metal (pen tip)(metal pens)
- (15) Silver metal (ball point of tip) (metal pens)
- (16) Silver metal (thick spring) (metal pens)
- (17) Silver metal (thin spring) (metal pens)
- (18) Black plastic (pen cap) (Tool pen)
- (19) Black plastic (pen lead) (Tool pen)
- (20) Silver metal (pen lead) (Tool pen)
- (21) White plastic (level) (Tool pen)
- (22) Transparent plastic (level) (Tool pen)
- (23) Gold metal (pen cap) (Tool pen)
- (24) Silver metal (pen tip)(metal pens)
- (25) Silver metal (ball of tip) (metal pens)
- (26) Silver metal (rotating rod inside pen)
- (27) Gold metal (pen body inner) (metal pens)
- (28) Silver metal (pencil tip below pencil body) (Mechanical pencils)

TEST RESULTS

1) California Proposition 65

Total Cadmium

With reference to EPA 3052-1996 and EPA 6010C-2007. Analysis was performed by Inductively Coupled Plasma Optical Emission Spectrometer (ICP-OES).

Test Item	Result (mg/kg)				MDL (mg/kg)
	(1)	(2)	(3)/(4)/(6)	(5)	
Total Cadmium	N.D.	N.D.	N.D.	N.D.	5

Test Item	Result (mg/kg)				MDL (mg/kg)
	(7)	(8)	(9)	(10)/(12)	
Total Cadmium	N.D.	N.D.	N.D.	N.D.	5

Test Item	Result (mg/kg)				MDL (mg/kg)
	(11)	(13)	(14)	(15)	
Total Cadmium	N.D.	N.D.	N.D.	N.D.	5

Test Item	Result (mg/kg)				MDL (mg/kg)
	(16)	(17)	(18)/(19)	(20)	
Total Cadmium	N.D.	N.D.	N.D.	N.D.	5

Test Item	Result (mg/kg)				MDL (mg/kg)
	(21)/(22)	(23)	(24)	(25)	
Total Cadmium	N.D.	N.D.	N.D.	N.D.	5

Test Item	Result (mg/kg)			MDL (mg/kg)
	(26)	(27)	(28)	
Total Cadmium	N.D.	N.D.	N.D.	5

Remark:

1. N.D. = Not Detected (below MDL)
2. MDL = Method Detection Limit
3. mg/kg = Milligram per kilogram

Total Lead (Pb)

With reference to EPA 6010 and EPA 6020. Analysis was performed by Inductively Coupled Plasma Mass Spectrometry.

Test Item	Result (mg/kg)				MDL (mg/kg)
	(1)	(2)	(3)/(4)/(6)	(5)	
Total Lead (Pb)	N.D.	N.D.	N.D.	N.D.	5

Test Item	Result (mg/kg)				MDL (mg/kg)
	(7)	(8)	(9)	(10)/(12)	
Total Lead (Pb)	49	N.D.	N.D.	N.D.	5

Test Item	Result (mg/kg)				MDL (mg/kg)
	(11)	(13)	(14)	(15)	
Total Lead (Pb)	N.D.	N.D.	N.D.	N.D.	5

Test Item	Result (mg/kg)				MDL (mg/kg)
	(16)	(17)	(18)/(19)	(20)	
Total Lead (Pb)	N.D.	N.D.	N.D.	N.D.	5

Test Item	Result (mg/kg)				MDL (mg/kg)
	(21)/(22)	(23)	(24)	(25)	
Total Lead (Pb)	N.D.	N.D.	N.D.	N.D.	5

Test Item	Result (mg/kg)			MDL (mg/kg)
	(26)	(27)	(28)	
Total Lead (Pb)	N.D.	N.D.	N.D.	5

Remark:

4. N.D. = Not Detected (below MDL)
5. MDL = Method Detection Limit
6. mg/kg = Milligram per kilogram

Phthalates

With reference to CPSC-CH-C1001-09.4. Analysis was performed by Gas Chromatographic-Mass Spectrometer (GC-MS).

Test Item	Result (%)			MDL (%)
	(1)	(3)/(4)/(10)	(6)	
Dibutyl phthalate (DBP)	N.D.	N.D.	N.D.	0.003
Benzyl butyl phthalate (BBP)	N.D.	N.D.	N.D.	0.003
Diethyl hexyl phthalate (DEHP)	N.D.	N.D.	N.D.	0.003
Di-iso-nonyl phthalate (DINP)	N.D.	N.D.	N.D.	0.005
Di-n-octyl Phthalate (DNOP)	N.D.	N.D.	N.D.	0.003
Diisodecyl Phthalate (DIDP)	N.D.	N.D.	N.D.	0.005
Di-n-hexyl phthalate (DnHP)	N.D.	N.D.	N.D.	0.003

Test Item	Result (%)			MDL (%)
	(1)	(3)/(4)/(10)	(6)	
Diisobutyl phthalate (DIBP)	N.D.	N.D.	N.D.	0.003
Di-n-pentyl phthalate (DPENP)	N.D.	N.D.	N.D.	0.003
Dicyclohexyl phthalate (DCHP)	N.D.	N.D.	N.D.	0.003

Test Item	Result (%)			MDL (%)
	(8)	(12)/(18)/(19)	(13)	
Dibutyl phthalate (DBP)	N.D.	N.D.	N.D.	0.003
Benzyl butyl phthalate (BBP)	N.D.	N.D.	N.D.	0.003
Diethyl hexyl phthalate (DEHP)	N.D.	N.D.	N.D.	0.003
Di-iso-nonyl phthalate (DINP)	N.D.	N.D.	N.D.	0.005
Di-n-octyl Phthalate (DNOP)	N.D.	N.D.	N.D.	0.003
Diisodecyl Phthalate (DIDP)	N.D.	N.D.	N.D.	0.005
Di-n-hexyl phthalate (DnHP)	N.D.	N.D.	N.D.	0.003
Diisobutyl phthalate (DIBP)	N.D.	N.D.	N.D.	0.003
Di-n-pentyl phthalate (DPENP)	N.D.	N.D.	N.D.	0.003
Dicyclohexyl phthalate (DCHP)	N.D.	N.D.	N.D.	0.003

Test Item	Result (%)		MDL (%)
	(21)	(22)	
Dibutyl phthalate (DBP)	N.D.	N.D.	0.003
Benzyl butyl phthalate (BBP)	N.D.	N.D.	0.003
Diethyl hexyl phthalate (DEHP)	N.D.	N.D.	0.003
Di-iso-nonyl phthalate (DINP)	N.D.	N.D.	0.005
Di-n-octyl Phthalate (DNOP)	N.D.	N.D.	0.003
Diisodecyl Phthalate (DIDP)	N.D.	N.D.	0.005
Di-n-hexyl phthalate (DnHP)	N.D.	N.D.	0.003
Diisobutyl phthalate (DIBP)	N.D.	N.D.	0.003
Di-n-pentyl phthalate (DPENP)	N.D.	N.D.	0.003
Dicyclohexyl phthalate (DCHP)	N.D.	N.D.	0.003

Remark:

1. N.D. = Not Detected (below MDL)
2. MDL = Method Detection Limit
3. % = Percentage

Annex 1: Reference Information:

Remark: The information of Annex was submitted by the client. DEKRA Testing and Certification (Shanghai) Ltd., Guangzhou branch takes no responsibility for any mistake caused by inaccuracy and/or invalid information.

The product photos of reference numbers were submitted by applicant.



---End of Report---