



TEST REPORT

Report No.: ANT2408140011-010

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Applicant : STEAM Academy PRO PBC
Address : 16192 Coastal Highway, Lewes, DE 19958
Manufacturer's name : Shenzhen Sunbloom Technology Company Limited
Address : Room 801A, 8F, A7 Building, Tianrui Industrial Park, No. 35 Fuyuang Rd, Baoan district, Shenzhen City, Guangdong, China 518103

Report on the submitted samples said to be:

Sample Name : Revolution Robotics Challenge Kit
Trade Mark : Revolution Robotics 88129312
Tested Style No. : SA-RR-CK 2.0
Series models : N/A
Sample reception time : August 14, 2024
Testing Period : August 14, 2024 ~ August 20, 2024
Test request : With reference to US California Proposition 65.
Test method : Please refer to next page(s).
Results : Please refer to next page(s).

CONCLUSION

A. According to the customer's request, based on the performed tests on submitted sample, the result of Lead, Cadmium and Phthalates content comply with the limit as set of US California Proposition 65.

Redact By

Yetta

Reviewed By

lala

Issued By

Sophia

Date of issue September 03, 2024

Shenzhen Alliance Testing Technology Co., LTD.

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A. US California Proposition 65

Tested part(s):

- | | | |
|-------------------------------|-------------------------|------------------------------------|
| (1) Grey plastic case | (5) Silvery metal | (9) Green plastic |
| (2) White plastic | (6) Purple plastic case | (10) White transparent plastic |
| (3) Yellow plastic LED lights | (7) Silvery metal | (11) Grey plastic (insulated wire) |
| (4) Green plastic LED lights | (8) Yellow plastic | |

Results:

1. Lead and Cadmium content

Test method: With reference to CPSC-CH-E1001-08.3 & CPSC-CH-E1002-08.3, 15 U.S.C. § 1278a and CPSC-CH-E1003-09.1 by acid digestion and analysis was performed by inductively coupled plasma atomic emission spectrometer (ICP-OES).

Item	Unit	MDL	Results		Limit
			1+2+3	4+6+8	
Lead Content (Pb)	mg/kg	2	N.D.	N.D.	100
Cadmium (Cd)	mg/kg	2	N.D.	N.D.	300

Item	Unit	MDL	Results		Limit
			9+10+11	5+7	
Lead Content (Pb)	mg/kg	2	N.D.	N.D.	100
Cadmium (Cd)	mg/kg	2	N.D.	N.D.	300



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2. Phthalates content

Test method: With reference to CPSC-CH-C1001-09.4, by solvent extraction and analysis was performed by gas chromatographic-mass spectrometer (GC-MS)

Item	CAS No.	Unit	MDL	Results		Limit
				1+2+3	4+6+8	
Dibutyl Phthalate (DBP)	84-74-2	mg/kg	50	N.D.	N.D.	1000
Benzyl butyl Phthalate (BBP)	85-68-7	mg/kg	50	N.D.	N.D.	1000
Bis(2-ethylhexyl) Phthalate (DEHP)	117-81-7	mg/kg	50	N.D.	N.D.	1000
Diisodecyl Phthalate (DIDP)	26761-40-0	mg/kg	50	N.D.	N.D.	1000
Di-n-hexyl Phthalate (DnHP)	84-75-3	mg/kg	50	N.D.	N.D.	1000
Diisononyl Phthalate(DINP)	28553-12-0	mg/kg	50	N.D.	N.D.	1000

Item	CAS No.	Unit	MDL	Results	Limit
				9+10+11	
Dibutyl Phthalate (DBP)	84-74-2	mg/kg	50	N.D.	1000
Benzyl butyl Phthalate (BBP)	85-68-7	mg/kg	50	N.D.	1000
Bis(2-ethylhexyl) Phthalate (DEHP)	117-81-7	mg/kg	50	N.D.	1000
Diisodecyl Phthalate (DIDP)	26761-40-0	mg/kg	50	N.D.	1000
Di-n-hexyl Phthalate (DnHP)	84-75-3	mg/kg	50	N.D.	1000
Diisononyl Phthalate(DINP)	28553-12-0	mg/kg	50	N.D.	1000

Note:

- mg/kg = ppm
- N.D. = Not detected
- MDL=Method detected limited
- Flow chart appendix is included
- Photo appendix is included.



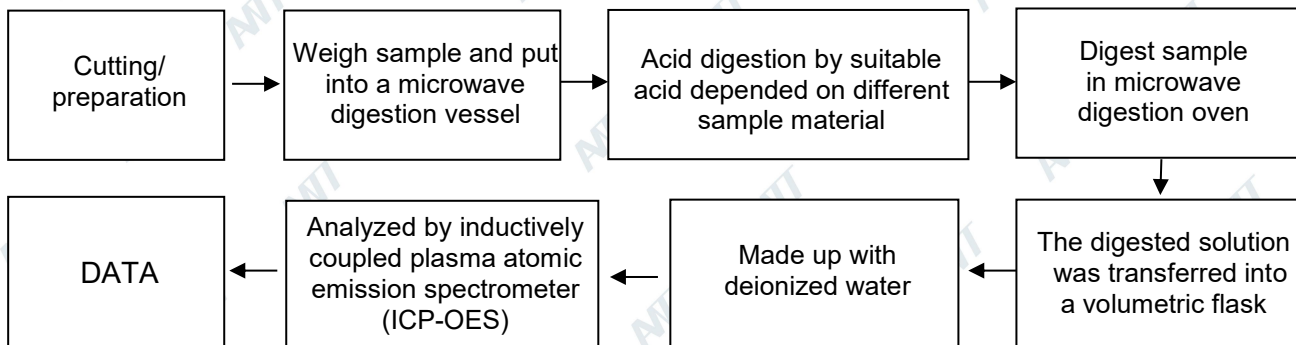
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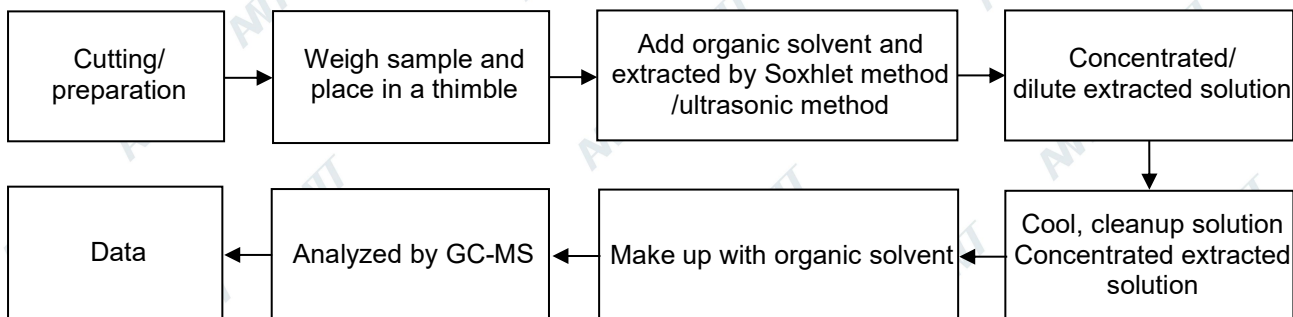
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Appendix

Test flow chart for Total Lead content and Cadmium content:



Test flow chart for Phthalates content:



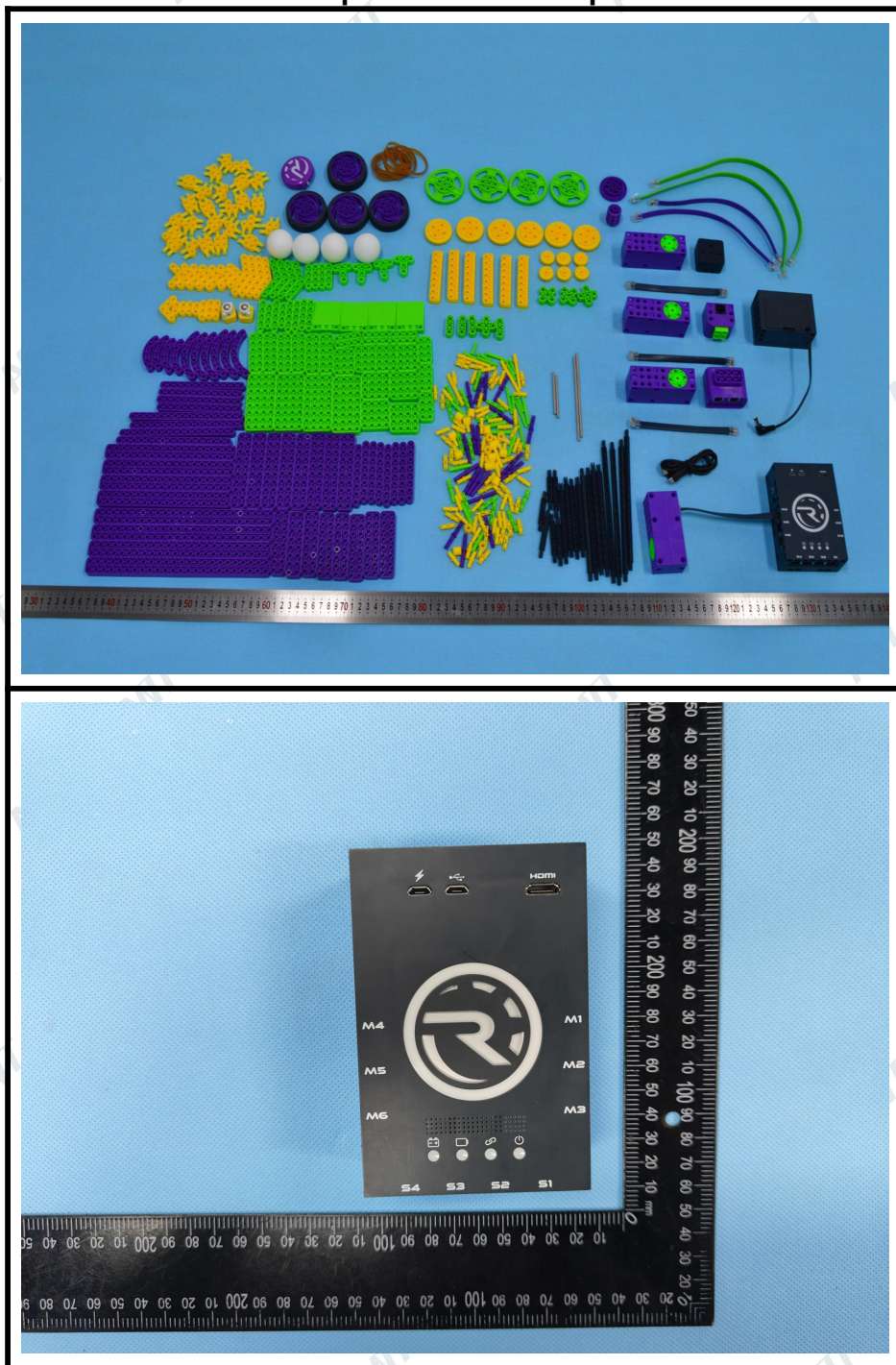


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The photo of the sample

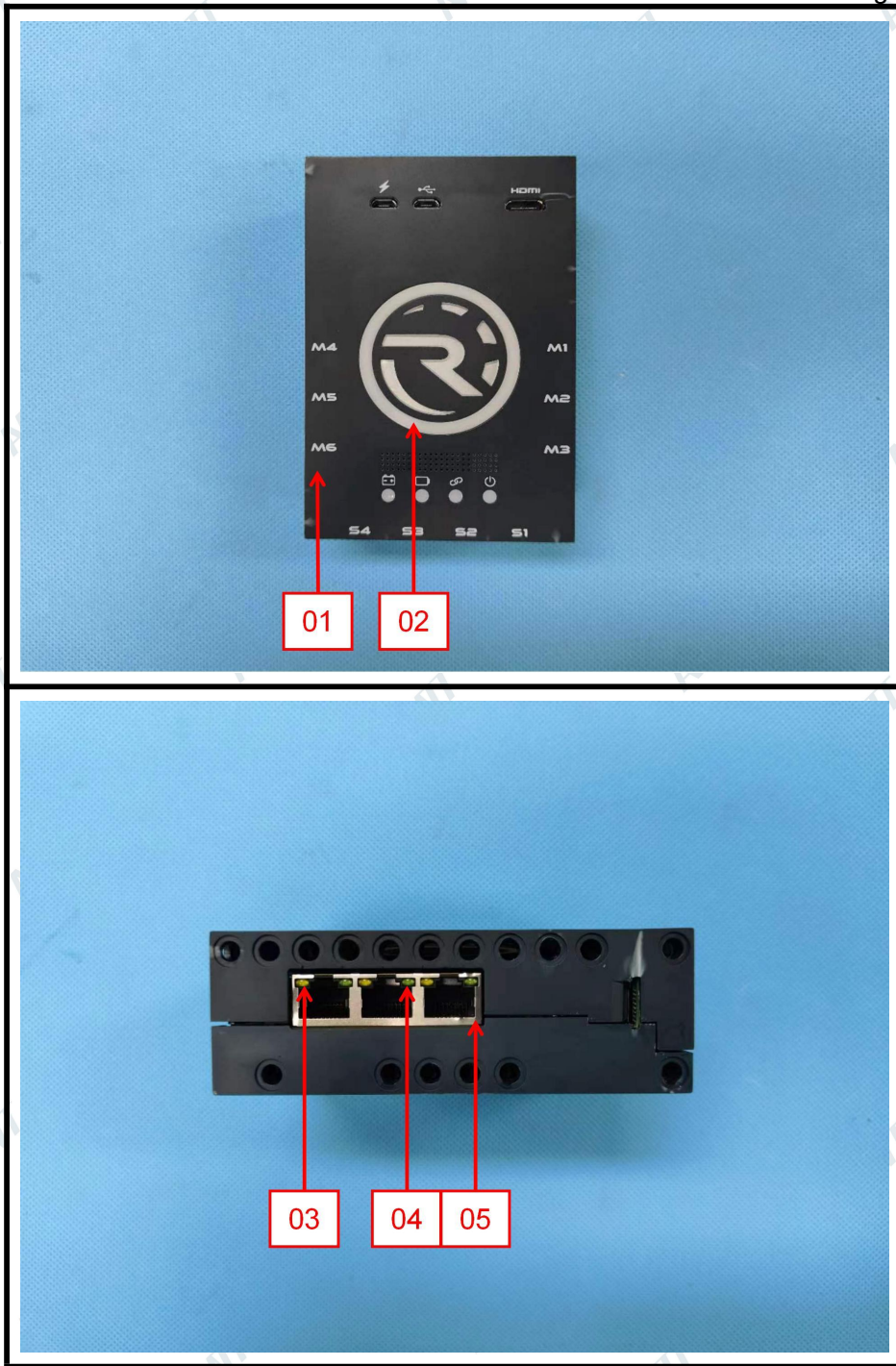




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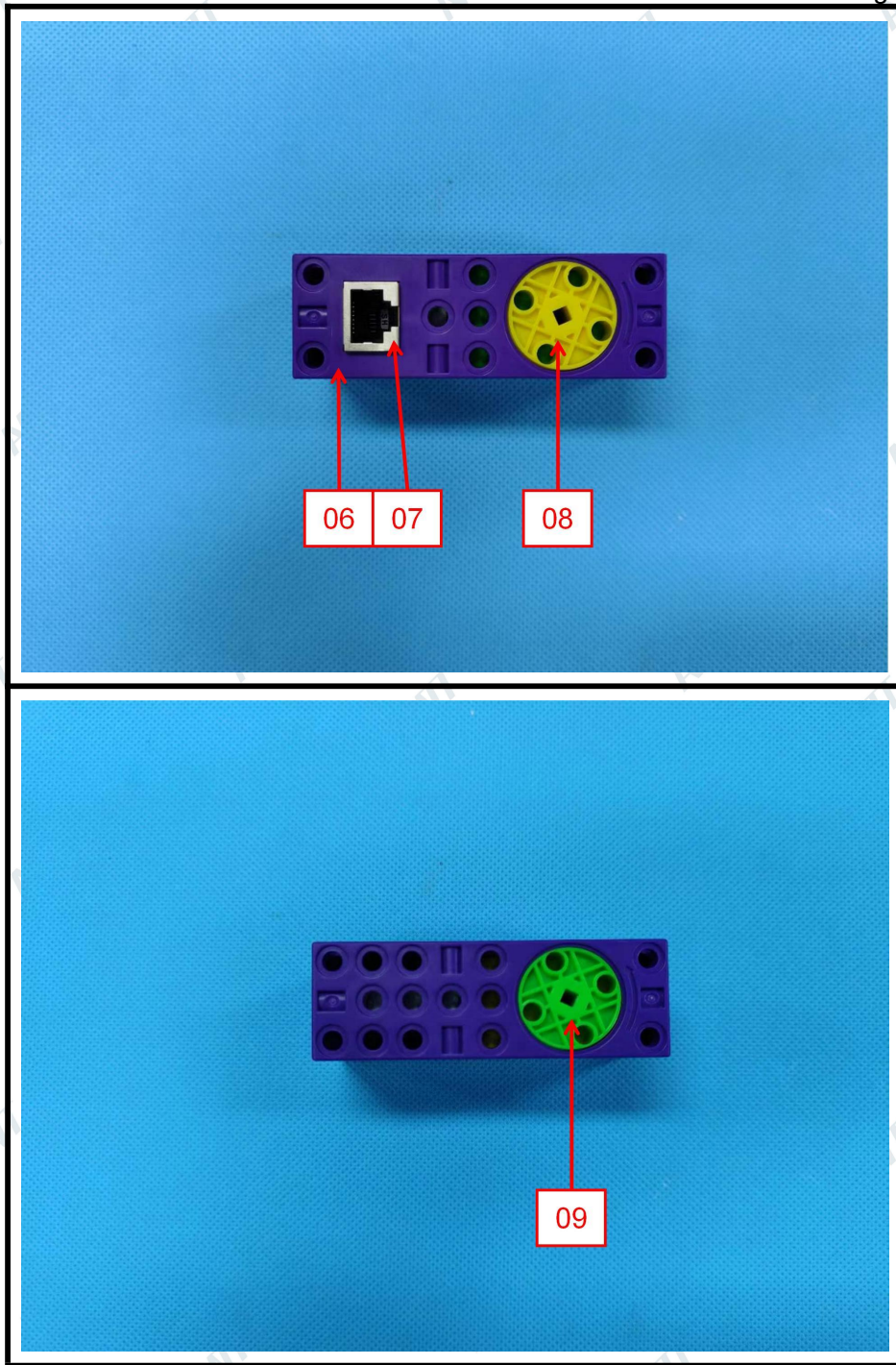




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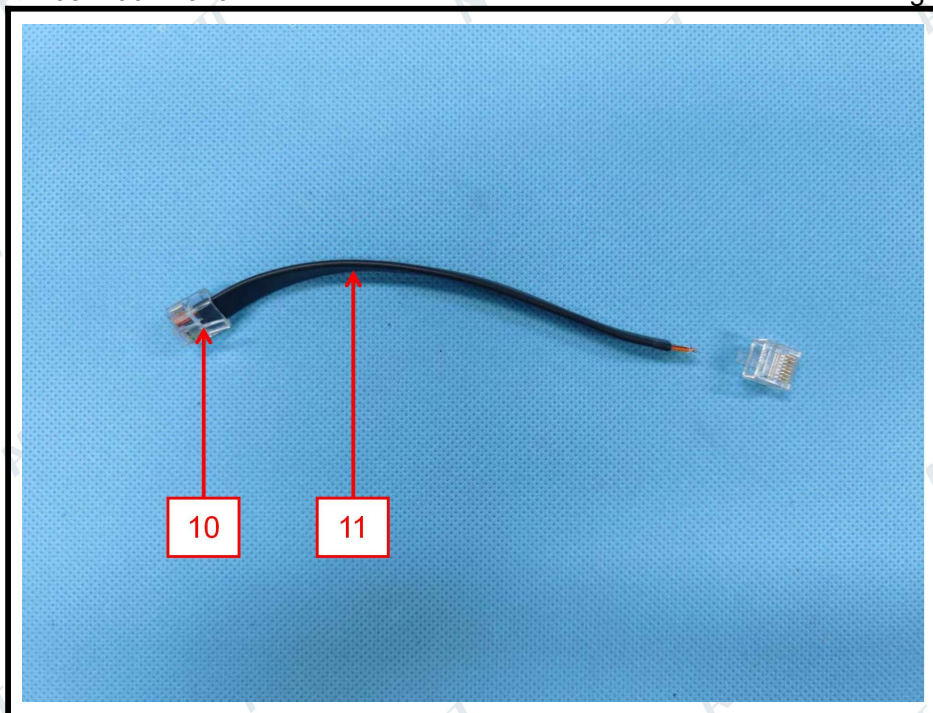




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ANT authenticate the photo on original report only

Statement:

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*** End of Report ***