

Test Report

Number: SZHH01412303S1

Applicant: MONEE
#703, 47, GYEONGDAE-RO 17-GIL,
BUK-GU, DAEGU, KOREA 41566

Date: Mar 20, 2020

Attn: BAILEY O'CONNOR

*This is to supersede Report No.
SZHH01412303 dated Jan 21,
2020*

Sample Description:

Seventeen (17) pieces of submitted sample said to be :

Item Name : (1) Monee Cap
(2) Baby Food Starting Set.
Barcode No. : (1) #8809405160874-Purple
#8809405160867-Red
(2) #8809405160843-Mint
#8809405160829-Pink
#8809405160836-Choco
#8809405160812-Blue.
Labelled Age Group : (1) +18m
(2) +4m.
Applicant Specified Age : Over 4 months.
Grading for Testing :
Packaging Provided by Applicant : Yes.
Additional Material and Wet Paint Provided : No.
Manufacturer : Monee.
Buyer : Makers Mate Inc.
Country of Origin : Korea.
Date Sample Received : Oct 31, 2019.
Testing Period : Oct 31, 2019 ~ Jan 21, 2020.



Tests conducted:

As requested by the applicant, refer to attached page(s) for details.



Page 1 of 10

Test Report

Number: SZHH01412303S1

Conclusion:

<u>Tested Samples</u>	<u>Standard</u>	<u>Result</u>
Submitted samples	U.S. CFR Title 16 (CPSC Regulations) Part 1500.3(c)(6)(vi) flammability test on rigid and pliable solids	Pass
Submitted samples	<u>Requirement</u> Consumer Product Safety Improvement Act (CPSIA) 2008 Section 103 Tracking labels for children product	See test conducted
	<u>Standard</u> U.S. CFR Title 16 (CPSC Regulations) Mechanical and physical test	Pass
Tested components of submitted samples	Model Toxics in Packaging Legislation on toxic elements test (Toxics in Packaging Clearinghouse TPCH)	Pass
	<u>Test Item</u> Client's requirement on total Lead content – with reference to Illinois Lead Poisoning Prevention Act 410 ILCS 45 on total Lead content requirement	Pass
Submitted samples	<u>Standard</u> U.S. CFR Title 16 Part 1303 total Lead content	Not Applicable
	U.S. Consumer Product Safety Improvement Act 2008 Title I, Section 101 for total Lead content in surface coating	Not Applicable
Tested components of submitted samples	U.S. Consumer Product Safety Improvement Act 2008 Title I, Section 101 for Total Lead content in Non-surface coating materials (substrate)	Pass
	Consent Judgment No. BG07350969 on total Lead content based on the California Proposition 65	Pass
	U.S. F.D.A. Regulation 21 CFR Part 177.2600 rubber articles intended for repeated use, Section (e) and (f)	Pass



Page 2 of 10



Test Report

Number: SZHH01412303S1

Conclusion:

<u>Tested Samples</u>	<u>Standard</u>	<u>Result</u>
Tested components of submitted samples	U.S. 21 CFR F.D.A. Regulation Part 180.22 on finished food contact article intended for repeated use when using distilled Water, 3% acetic acid and n-heptane as food simulating solvent	Pass
	U.S. F.D.A. Regulation 21 CFR Part 177.1520 Clauses (c)(2.1) on polyethylene	Pass
	Consent Judgment No. BG-350969 on phthalate content based on the California Proposition 65	Pass

Authorized by:
For Intertek Testing Services
Shenzhen Ltd.



Rachel L. Guo
General Manager



Page 3 of 10



Test Report

Number: SZHH01412303S1

Tests Conducted

1 Flammability Test

As per U.S. Code of Federal Regulations Title 16 Part 1500.44 for rigid and pliable solids.

Result: Ignited but self-extinguished before burn rate could be determined.

2 Tracking label assessment

As per consumer product safety improvement act (CPSIA) 2008 Section 103 tracking labels for children products

Tracking label was found on the packaging:



Test Report

Number: SZHH01412303S1

Tests Conducted

Name of manufacturer/distributor	MONEE
Location of production	Buk-gu, Daegu, Korea
Date code	09/11/19

Tracking label was found on the product:

Name of manufacturer/distributor	MONEE
Location of production	See remark
Date code	See remark

Remark: As claimed by the applicant, the tracking label is not practical to be marked on the product since the label would affect the design of the product.

Note: The tracking label assessment was based on the submitted sample and the information provided by the applicant. There was no verification on the validity of such information.

3 Physical and Mechanical Test

As per U.S. Code of Federal Regulations Title 16 Part 1500.50, the hazards of sharp points, sharp edge and small parts are assessed both before and after applicable use and abuse tests.

	No. of Sample Tested	Sharp Point (1500.48)	Sharp Edge (1500.49)	Small Part (1501)
As received	6	P	NA	#
Impact (1500.51(b))	2	P	NA	#
Flexure (1500.53(d))	0	NA	NA	#
Torque (1500.53(e))	2	P	NA	#
Tension (1500.53(f))	2	P	NA	#
Compression (1500.53(g))	2	P	NA	#

Remark : P = Pass
NA= Not Applicable

= The following articles are exempt from this regulation (§ § 1500.18(a)(9) and 1501.4 below):

- (a) Balloons;
- (b) Books and other articles made of paper;
- (c) Writing materials such as crayons, chalk, pencils, and pens;
- (d) Children's clothing and accessories, such as shoe lace holders and buttons;
- (e) Grooming, feeding, and hygiene products, such as diaper pins and clips, barrettes, toothbrushes, drinking glasses, dishes and eating utensils;
- (f) Phonograph records;
- (g) Modelling clay and similar products;
- (h) Fingerpaints, watercolors, and other paint sets;
- (i) Rattles (as defined at 16 CFR 1510.2);
- (j) Pacifiers (as defined at 16 CFR 1511.2(a)).



Page 5 of 10



Test Report

Number: SZHH01412303S1

Tests Conducted

4 Toxic Elements Analysis

As per Model Toxics in Packaging Legislation requirement of packaging and packaging components, acid digestion method was used and toxic elements contents were determined by Inductively Coupled Argon Plasma Spectrometry, and Hexavalent Chromium content was determined by UV-Visible Spectrophotometry.

Element	Result (ppm) θ	Reporting limit (ppm)	Limit (ppm)
	Tested component		
	(15+16),(17+18),(19+20)		
Lead (Pb)	ND	5	--
Cadmium (Cd)	ND	5	--
Mercury (Hg)	ND	5	--
Chromium VI (Cr (VI))	ND	5	--
Sum of Pb, Cd, Hg and Cr (VI)	ND	--	100

ppm = parts per million = mg/kg
ND = Not detected (less than reporting limit)
 θ = Single result for each test component/group

Tested components: See component list in the last section of this report

5 Total Lead (Pb) Content (Illinois)

With reference to CPSC-CH-E1002-08.3 and/or CPSC-CH-E1001.08.3 and/or CPSC-CH-E1003-09.1 and followed by Inductively Coupled Argon Plasma Spectrometry.

Element	Result (ppm) θ	Reporting Limit (ppm)	Warning Statement Limit (ppm)	Limit (ppm)
	Tested Component			
	(1+2+3),(4+5+6),(7+8+9), (10+11+12),(13+14)			
Lead (Pb)	ND	10	40	100

ppm = parts per million = mg/kg
ND = Not detected (less than reporting limit)
 θ = Single result for each test component/group

Tested Component(s): See component list in the last section of this report

6 Total Lead (Pb) Content in Surface Coating

As per Standard Operating Procedure for Determining Lead (Pb) in paint and other similar surface coatings, test method CPSC-CH-E1003-09.1 was used and total Lead content was determined by Inductively Coupled Argon Plasma Spectrometry.

Assessment: Since no scrapable surface coating was found on the submitted sample(s), the testing scope was not applicable to the submitted sample(s).



Test Report

Number: SZHH01412303S1

Tests Conducted

7 Total Lead (Pb) Content in Non-Surface Coating Materials (Substrate)

As per Standard Operating Procedures for Determining total Lead (Pb) in children's products, test methods CPSC-CH-E1002-08.3 and/or CPSC-CH-E1001-08.3 were used and total Lead content was determined by Inductively Coupled Argon Plasma Spectrometry.

Element	Result (ppm) θ	Reporting Limit (ppm)	Limit (ppm)
	Tested Component		
	(1+2+3),(4+5+6),(7+8+9), (10+11+12),(13+14)		
Lead (Pb)	ND	10	100

ppm = parts per million = mg/kg

ND = Not detected (less than reporting limit)

θ = Single result for each test component/group

Tested components: See component list in the last section of this report

8 Total Lead (Pb) Content

With reference to CPSC-CH-E1002-08.3 and/or CPSC-CH-E1001.08.3 and/or CPSC-CH-E1003-09.1 and followed by Inductively Coupled Argon Plasma Spectrometry.

Element	Result (%) θ	Reporting Limit (%)	Limit (%)
	Tested Component		
	(1+2+3),(4+5+6),(7+8+9),(10+11+12),(13+14)		
Lead (Pb)	ND	0.001	0.02

The above limit was quoted from the Consent Judgment No. BG07350969 settled by superior court of the State of California for the county of Alameda, for child care articles based on the California Proposition 65.

ND = Not detected(less than reporting limit)

θ = Single result for each test component/group

Tested Component(s): See component list in the last section of this report



Test Report

Number: SZHH01412303S1

Tests Conducted

9 Test for F.D.A. Regulation on Rubber

With reference to the U.S. Food and Drug Administration 21 CFR Part 177.2600 - rubber articles intended for repeated use, Section (e) and (f).

First 7 hours extraction:

Test item	Result(mg/in ²)				Reporting limit (mg/in ²)	limit (mg/in ²)
	(7)	(8)	(9)	(10)		
Water extractable content	ND	ND	ND	ND	1	20
n-Hexane extractable content	21	18	19	17	1	175

Test item	Result(mg/in ²)				Reporting limit (mg/in ²)	limit (mg/in ²)
	(11)	(12)	(13)	(14)		
Water extractable content	ND	ND	ND	ND	1	20
n-Hexane extractable content	20	13	22	19	1	175

Succeeding 2 hours extraction:

Test item	Result(mg/in ²)				Reporting limit (mg/in ²)	limit (mg/in ²)
	(7)	(8)	(9)	(10)		
Water extractable content	ND	ND	ND	ND	0.1	1
n-Hexane extractable content	2.0	1.9	1.8	2.3	0.1	4

Test item	Result(mg/in ²)				Reporting limit (mg/in ²)	limit (mg/in ²)
	(11)	(12)	(13)	(14)		
Water extractable content	ND	ND	ND	ND	0.1	1
n-Hexane extractable content	2.2	2.2	2.5	2.0	0.1	4

ND = Not Detected(less than reporting limit)

Tested Components : See component list in the last section of this report.

10 Test for F.D.A. Regulation on Acrylonitrile Copolymers

As per the U.S. 21 CFR Food and Drug Administration Part 180.22.

Solvent	Acrylonitrile Monomer(mg/in ²)	Report limit	Limit
	(3)to(5)	(mg/in ²)	(mg/in ²)
Distilled Water	ND	0.0003	0.003
3% Acetic Acid	ND	0.0003	0.003
N-Heptane	ND	0.0003	0.003

ND = Not detected(less than reporting limit)

Tested Components: See component list in the last section of this report.



Test Report

Number: SZHH01412303S1

Tests Conducted

11 Test for F.D.A. Regulation on Polyethylene

As per the U.S. Food and Drug Administration 21 CFR Part 177.1520 Clauses (c)(2.1) and (d) with modification on density.

Test item	Result		Reporting Limit	Limit
	(1)	(2)		
Density (By sink-float method)	0.92	0.92	--	0.85 - 1.00
Maximum extractable fraction in n-hexane, %	1.6	1.1	1.0	5.5
Maximum extractable fraction in xylene, %	2.7	2.0	1.0	11.3

Tested Components: See component list in the last section of this report.

12 Phthalate Content

With reference to CPSC-CH-C1001-09.4 and followed by Gas Chromatographic-Mass Spectrometric (GC-MS) analysis.

Test item	Result (%) θ	Reporting limit (%)	Limit (%)
	Tested component		
	(1+2+3),(4+5+6),(7+8+9), (10+11+12),(13+14)		
Dibutyl phthalate (DBP)	ND	0.01	0.1
Di-(2-ethyl hexyl) phthalate (DEHP)	ND	0.01	0.1
Benzyl butyl phthalate (BBP)	ND	0.01	0.1
Di-iso-decyl phthalate (DIDP)	ND	0.01	0.1
Di-n-hexyl phthalate (DnHP)	ND	0.01	0.1
Di-iso-nonyl phthalate (DINP)	ND	0.01	--

The above limit was quoted from the Consent Judgment No. BG-350969 settled by superior court of the state of California for the county of Alameda, for child care article based on the California Proposition 65.

ND = Not detected (less than reporting limit)

θ = Single result for each test component/group

Tested Component(s): See component list in the last section of this report



Test Report

Number: SZHH01412303S1

Tests Conducted

Component list:

- (1) Red LDPE plastic (small lid, large lid of small red style).
- (2) Yellow green LDPE plastic (small lid, large lid of small purple style).
- (3) Blue ABS plastic (dual adapter of small red style).
- (4) Yellow ABS plastic (cap main body of small red style, small purple style).
- (5) Purple ABS plastic (dual adapter of small purple style).
- (6) Light grey CO-PP plastic (handle of light blue style, pink style, mint green style, dark purple style).
- (7) Orange silicone (hold cap of small red style).
- (8) Transparent silicone (pad of small red style, small purple style).
- (9) Light green silicone (hold cap of small purple style).
- (10) Semi-transparent silicone (lid of light blue style, pink style, mint green style, dark purple style).
- (11) Light blue silicone (bowl of light blue style).
- (12) Pink silicone (bowl of pink style).
- (13) Mint green silicone (bowl of mint green style).
- (14) Dark purple silicone (bowl of dark purple style).
- (15) Coatings on plastic (surface of all styles).
- (16) Coatings (red, white) on plastic (top of all styles).
- (17) Transparent plastic excluding coating (box of all styles).
- (18) White paper with transparent plastic film and inaccessible coatings (instruction sheet of small red style, small purple style).
- (19) Brown paper board with black coating (box of all styles).
- (20) Transparent cellotape (joint of all styles).

End of report

The statements of conformity reported have considered the decision rule agreed, namely that Intertek have taken account of measurement uncertainty as calculated by Intertek, and applied according to ILAC-G8/09:2019 (Non-binary acceptance based on guard band $w = U$) except designation from the customer, regulation or test specification.

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Page 10 of 10



To: MONEE
Attention: BAILEY O'CONNOR

Date: Mar 20, 2020

Re : Report Revision Notification

Intertek Testing Services Report Number SZHH01412303 Dated Jan 21, 2020

Please be informed that all the content recorded in the above captioned report will be void. This captioned report is now superseded by a revised Intertek Testing Services Report Number, SZHH01412303S1 Dated Mar 20, 2020

Below are revision details:

Report Number	SZHH01412303	SZHH01412303S1
Revise remark	Nil	Delete test items

Thank you for your attention.

Authorized by:
For Intertek Testing Services
Shenzhen Ltd.



Rachel L. Guo
General Manager

