

Report No.: 242124145-01

Page 1 of 6

Client: Regal Babycare Products Manufacturing Co., Ltd.
1000/06 LIBERTY BLDG., 20TH FLOOR, SUKHUMVIT 55, KLONGTON NUA,
WATTANA, BANGKOK 10110 THAILAND

Identification/ TOY ITEMS

Model No(s): Refer to next page

Sample Receiving date: 2020-12-21

Testing Period: 2020-12-21 to 2021-01-05

Delivery condition: Apparent good, Samples tested as received

Test Specification:

Test result:

Test parameter and test specification was selected by client.

- | | |
|--|------|
| 1. ASTM F963-17 : Standard Consumer Safety Specification for Toy Safety
(Clause 4.3 Toxicology) | PASS |
| 2. Lead in substrate materials; Consumer Product Safety Improvement Act of 2008, CPSIA | PASS |
| 3. Phthalate; Consumer Product Safety Improvement Act of 2008, CPSIA | PASS |

Other Information:

Country of Origin: THAILAND

Country of Destination: USA

For and on behalf of
TÜV Rheinland Thailand Ltd



2021-01-08

Wilawan Sripthrom / Manager

Date

Name/Position

Test result is drawn according to the kind and extent of tests performed.

This test report relates to the above mentioned test sample. Without permission of the test center this test report is not permitted to be duplicated in extracts. This test report does not entitle to carry any safety mark on this or similar products.

Test Report No.: 242124145-01

Page 2 of 6

ITEM NO. 1022, 1071, 1096, 18164, 18165, 18166, 18167, 18168, 18169, 18170, 18234, 18235, 18236, 18237, 18242, 18243, 18244, 18245, 18246, 18247, 18248, 18251, 18252, 18253, 18254, 18255, 18256, 18260, 18261, 18264, 18266, 18267, 18268, 18269, 18278, 18292, 18298, 18301, 18303, 18304, 18305, 18306, 1831, 18321, 18322, 18325, 20001, 20002, 20003, 20004, 20005, 20006, 20007, 20008, 20009, 20010, 20011, 20012, 20013, 20014, 20015, 20015, 20016, 20017, 20018, 20019, 20020, 20021, 20022, 20023, 20024, 20025, 20026, 20027, 20028, 20029, 20030, 20031, 20032, 20033, 20034, 20035, 20036, 20038, 20039, 20040, 20041, 20046, 20047, 20048, 20049, 20050, 20051, 20052, 20053, 20064, 20065, 20066, 20067, 20068, 20069, 20070, 20071, 20073, 20076, 20077, 20078, 20080, 20081, 20082, 20084, 20085, 20086, 20087, 20088, 20089, 20090, 20091, 20092, 20093, 20094, 20095, 20096, 20097, 20098, 20100, 20101, 20102, 20103, 20104, 20105, 20114, 20115, 20116, 20118, 20119, 20120, 20121, 20122, 20123, 20124, 20125, 20126, 20127, 20203, 20205, 20206, 20207, 20208, 2241, 2340, 8081, 8020, 8038, 8115, 8183, 8188, 8196, 8212, 8233, 8307, 8351, 8352, 8368, 8375, 8376, 8393, 8445, 8446, 8447, 8448, 8450, 8455, 8356, BK536, BK807NS, BK20214, SC6056, SC76294, SC76292, SC76293, SC76291, SC76290, SB90214, BK6201, BK62080

Test Report No.: 242124145-01

Page 3 of 6

Material list

Material No.	Material	Color	Location
M001	Plastic	Red	Refer to photo
M002	Plastic	Blue	Refer to photo
M003	Plastic	Yellow	Refer to photo

1. ASTM F963-17 Heavy Metal Elements

Test Method: Test portion was extracted with acid according to CPSC-CH-E1002-08.1 (non-metal substrates), determination by ICP-MS.

Test No.	Material No.	Soluble heavy metal							
		[mg/kg]							
		Sb	As	Ba	Cd	Cr	Pb	Hg	Se
		60	25	1000	75	60	90	60	500
		MDL							
		2	2	2	2	2	2	2	2
T001	M001	n.d.	n.d.	2	n.d.	n.d.	n.d.	n.d.	n.d.
T002	M002	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.
T003	M003	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.

Abbreviation: n.d. = Not Detected (<MDL)

MDL = Method Detection Limit

mg/kg = Milligram per Kilogram

Test Report No.: 242124145-01

Page 4 of 6

2. Lead in accessible substrate materials

Test Method: CPSC Test Method: US CPSC-CH-E1002-08.3: 2012
"Standard Operating Procedure for Determinating Total Lead (Pb) in Non-Metal Children Product" (Non-metallic materials)

Test item	Unit	RL	Permissible Limit	M001	M002	M003
Lead (Pb)	%	0.0002	0.01%	n.d.	n.d.	n.d.
Comment	--	--	---	PASS	PASS	PASS

- Note: 1. % = percentage by weight (1% = 10000 ppm (mg/kg))
2. n.d. = Not detected
3. RL = Reporting Limit
4. The result is calculated using the minimum sample weight.

Test Report No.: 242124145-01

Page 5 of 6

3. Phthalates

Test Method: According to US CPSC-CH-C1001-09.4:2018, determination by GC-MS

Parameter	CAS No.	Unit	Material No.	M001+M002 +M003
			MDL	Result
Dibutyl phthalate (DBP)	84-74-2	%	0.0002	n.d.
Benzylbutyl phthalate (BBP)	85-68-7	%	0.0002	n.d.
Diethylhexyl phthalate (DEHP)	117-81-7	%	0.0002	n.d.
Di-n-octyl phthalate (DNOP)	117-84-0	%	0.0002	n.d.
Diisodecyl phthalate (DIDP)	26761-40-0	%	0.008	n.d.
Diisononyl phthalate (DINP)	28553-12-0, 68515-48-0	%	0.008	n.d.
Diisobutyl phthalate (DIBP)	84-69-5	%	0.0002	n.d.
Di-n-hexyl phthalate (DnHP)	84-75-3	%	0.0002	n.d.
Dicyclohexyl phthalate (DCHP)	84-61-7	%	0.0002	n.d.
Di-n-pentyl phthalate (DnPP)	131-18-0	%	0.0002	n.d.

Abbreviation: n.d. = Not Detected (<MDL)
 MDL = Method Detection Limit
 % = Percentage

Remark: Requirement is defined as below table

Requirements	Maximum Permissible Limit/%
US Public Law 110-314 (CPSIA) Sec. 108, 2008	
Toys and childcare articles	DBP or BBP or DEHP or DINP = 0.1%
Children's toy that can be placed in a child's mouth or childcare article	DINP or DNOP or DIDP = 0.1%
California Proposition 65 - Safe Drinking Water And Toxic Enforcement Act of 1986	
Toys for children under 6 years of age and childcare articles	DBP, BBP, DEHP, DIDP, DINP and DnHP <0.1% per each

Test Report No.: 242124145-01 Page 6 of 6

Sample photo:

242124145-01



Red plastic



Blue plastic



Yellow plastic

- END -