

TEST REPORT

Test Report # 21H-020348 Date of Report Issue: August 20, 2021
Date of Sample Received: August 16, 2021 Pages: Page 1 of 35

CLIENT INFORMATION:

Company: Numo Manufacturing
Recipient: Rebecca Williams
Recipient Email: rwilliams@numomfg.com



SAMPLE INFORMATION:

Description: #3 SLIDES: RED OLIVE GOLD SILVER NATURAL HARVEST BUTTER ESPRESSO
KHAKI PINE DRIFTWOOD GRAY BRIQUETTE FUCHSIA PERIWINKLE NAVY CITRON
TERRA COTTA NANTUCKET FLAMINGO BLACK WHITE PURPLE LAVENDER
MIDNIGHT BLUEBIRD SKY POWDER POOL EASY TURQUOISE MINT SWEET PEA
KEYLIME YELLOW LEMON CRUSH CREAMSICLE CORAL PEACH DRAMA TICKLED
FAIRYTALE SANGRIA

Assortment:	-	Purchase Order Number:	-
SKU/style No.:	-	Toy Co./Agency:	-
Factory/Supplier/Vendor:	Numo Manufacturing	Country of Origin:	China
Country of Distribution:	-	Labeled Age Grade:	-
Quantity Submitted:	1 lot	Recommended Age Grade:	-
Testing Period:	08/17/2021 – 08/20/2021	Tested Age Grade:	-

OVERALL RESULT:

 **PASS**

Refer to page 2 for test result summary and appropriate notes.

QIMA Testing (HK) Limited



Loska Yeung Lok Ka
Assistant Manager, Chemical Laboratory

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TEST RESULTS SUMMARY:

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

CONCLUSION	TEST(S) CONDUCTED
PASS	CPSIA Section 101 & 16 CFR 1303, Total Lead in Paints and Surface Coatings
PASS	Client's Requirement, Total Cadmium in Paints and Similar Surface Coatings
PASS	CPSIA Section 101, Total Lead in Substrate Materials
PASS	Client's Requirement, Total Cadmium in Substrate Materials
PASS	California Proposition 65, Phthalates (DBP, BBP, DEHP, DINP, DIDP, DnHP)
PASS	16 CFR 1307 Prohibition of Children's Toys and Child Care Articles Containing Specified Phthalates (DBP, BBP, DEHP, DINP, DHEXP / DnHP, DCHP, DIBP, DPENP)

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DETAILED RESULTS:

CPSIA Section 101 & 16 CFR 1303, Total Lead in Paints and Surface Coatings

Test Method: CPSC-CH-E-1003-09.1
 Analytical Method: Inductively Coupled Plasma-Optical Emission Spectrometry

Specimen No.	1	2	3	4	5	Total Limit (ppm)
Test Item	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	
Total Lead (Pb)	ND	ND	ND	ND	ND	90
Conclusion	PASS	PASS	PASS	PASS	PASS	

Specimen No.	6	7	8	9	10	Total Limit (ppm)
Test Item	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	
Total Lead (Pb)	ND	ND	ND	ND	ND	90
Conclusion	PASS	PASS	PASS	PASS	PASS	

Specimen No.	11	12	13	14	15	Total Limit (ppm)
Test Item	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	
Total Lead (Pb)	ND	ND	ND	23	ND	90
Conclusion	PASS	PASS	PASS	PASS	PASS	

Note:

ppm (Parts per million) = mg/kg (Milligrams per kilogram)

LT = Less than

ND = Not detected (Reporting Limit = 20 ppm)

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

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DETAILED RESULTS:

CPSIA Section 101 & 16 CFR 1303, Total Lead in Paints and Surface Coatings

Test Method: CPSC-CH-E-1003-09.1
 Analytical Method: Inductively Coupled Plasma-Optical Emission Spectrometry

Specimen No.	16	17	18	19	20	Total Limit (ppm)
Test Item	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	
Total Lead (Pb)	ND	ND	ND	28	ND	90
Conclusion	PASS	PASS	PASS	PASS	PASS	

Specimen No.	21	22	23	24	25	Total Limit (ppm)
Test Item	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	
Total Lead (Pb)	23	ND	ND	ND	ND	90
Conclusion	PASS	PASS	PASS	PASS	PASS	

Specimen No.	26	27	28	29	30	Total Limit (ppm)
Test Item	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	
Total Lead (Pb)	ND	ND	ND	ND	ND	90
Conclusion	PASS	PASS	PASS	PASS	PASS	

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DETAILED RESULTS:

CPSIA Section 101 & 16 CFR 1303, Total Lead in Paints and Surface Coatings

Test Method: CPSC-CH-E-1003-09.1
 Analytical Method: Inductively Coupled Plasma-Optical Emission Spectrometry

Specimen No.	31	32	33	34	35	Total Limit (ppm)
Test Item	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	
Total Lead (Pb)	ND	ND	ND	ND	21	90
Conclusion	PASS	PASS	PASS	PASS	PASS	

Specimen No.	36	37	38	39	40	Total Limit (ppm)
Test Item	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	
Total Lead (Pb)	ND	ND	ND	ND	ND	90
Conclusion	PASS	PASS	PASS	PASS	PASS	

Specimen No.	41	42	43	---	---	Total Limit (ppm)
Test Item	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	
Total Lead (Pb)	20	ND	ND	---	---	90
Conclusion	PASS	PASS	PASS	---	---	

Note:

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DETAILED RESULTS:

Client's Requirement, Total Cadmium in Paints and Similar Surface Coatings

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

Specimen No.	1	2	3	4	5	Limit (ppm)
Test Item	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	
Total Cadmium (Cd)	ND	ND	ND	ND	ND	40
Conclusion	PASS	PASS	PASS	PASS	PASS	

Specimen No.	6	7	8	9	10	Limit (ppm)
Test Item	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	
Total Cadmium (Cd)	ND	ND	ND	ND	ND	40
Conclusion	PASS	PASS	PASS	PASS	PASS	

Specimen No.	11	12	13	14	15	Limit (ppm)
Test Item	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	
Total Cadmium (Cd)	ND	ND	ND	ND	ND	40
Conclusion	PASS	PASS	PASS	PASS	PASS	

Note:

ppm (Parts per million) = mg/kg (Milligrams per kilogram)

LT = Less than

ND = Not detected (Reporting Limit = 20 ppm)

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DETAILED RESULTS:

Client's Requirement, Total Cadmium in Paints and Similar Surface Coatings

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

Specimen No.	16	17	18	19	20	Limit (ppm)
Test Item	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	
Total Cadmium (Cd)	ND	ND	ND	ND	ND	40
Conclusion	PASS	PASS	PASS	PASS	PASS	

Specimen No.	21	22	23	24	25	Limit (ppm)
Test Item	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	
Total Cadmium (Cd)	ND	ND	ND	ND	ND	40
Conclusion	PASS	PASS	PASS	PASS	PASS	

Specimen No.	26	27	28	29	30	Limit (ppm)
Test Item	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	
Total Cadmium (Cd)	ND	ND	ND	ND	ND	40
Conclusion	PASS	PASS	PASS	PASS	PASS	

Note:

ppm (Parts per million) = mg/kg (Milligrams per kilogram)

LT = Less than

ND = Not detected (Reporting Limit = 20 ppm)

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DETAILED RESULTS:

Client's Requirement, Total Cadmium in Paints and Similar Surface Coatings

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

Specimen No.	31	32	33	34	35	Limit (ppm)
Test Item	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	
Total Cadmium (Cd)	ND	ND	ND	ND	ND	40
Conclusion	PASS	PASS	PASS	PASS	PASS	

Specimen No.	36	37	38	39	40	Limit (ppm)
Test Item	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	
Total Cadmium (Cd)	ND	ND	ND	ND	ND	40
Conclusion	PASS	PASS	PASS	PASS	PASS	

Specimen No.	41	42	43	---	---	Limit (ppm)
Test Item	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	
Total Cadmium (Cd)	ND	ND	ND	---	---	40
Conclusion	PASS	PASS	PASS	---	---	

Note:

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LT = Less than

ND = Not detected (Reporting Limit = 20 ppm)

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DETAILED RESULTS:

CPSIA Section 101, 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.	44	45	---	---	---	Total Limit (ppm)
Test Item	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	
Total Lead (Pb)	ND	ND	---	---	---	100
Conclusion	PASS	PASS	---	---	---	

Note:

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DETAILED RESULTS:

Client's Requirement, Total Cadmium in Substrate Materials

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

Specimen No.	44	45	---	---	---	Limit (ppm)
Test Item	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	
Total Cadmium (Cd)	ND	ND	---	---	---	40
Conclusion	PASS	PASS	---	---	---	

Note:

ppm (Parts per million) = mg/kg (Milligrams per kilogram)

LT = Less than

ND = Not detected (Reporting Limit = 20 ppm)

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

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 No.		1	2	3	4	Limit (mg/kg)
Test Item	CAS No.	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	
Dibutyl phthalate (DBP)	84-74-2	ND	LT 350	ND	LT 360	1000
Benzyl butyl phthalate (BBP)	85-68-7	ND	LT 350	ND	LT 360	1000
Di-(2-ethylhexyl) phthalate (DEHP)	117-81-7	ND	LT 350	ND	LT 360	1000
Diisononyl phthalate (DINP)	28553-12-0 68515-48-0	ND	LT 350	ND	LT 360	1000
Diisodecyl phthalate (DIDP)	26761-40-0 68515-49-1	ND	LT 350	ND	LT 360	1000
Di-n-hexyl phthalate (DnHP)	84-75-3	ND	LT 350	ND	LT 360	1000
Conclusion		PASS	PASS	PASS	PASS	

Note:

mg/kg (Milligrams per kilogram) = ppm (Parts per million) = 0.0001 % m/m (Percent by mass)

LT = Less than

ND = Not detected (Reporting Limit = 300 mg/kg)

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

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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 No.		5	6	7	8	
Test Item	CAS No.	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Limit (mg/kg)
Dibutyl phthalate (DBP)	84-74-2	LT 360	LT 340	LT 340	LT 340	1000
Benzyl butyl phthalate (BBP)	85-68-7	LT 360	LT 340	LT 340	LT 340	1000
Di-(2-ethylhexyl) phthalate (DEHP)	117-81-7	LT 360	LT 340	LT 340	LT 340	1000
Diisononyl phthalate (DINP)	28553-12-0 68515-48-0	LT 360	LT 340	LT 340	LT 340	1000
Diisodecyl phthalate (DIDP)	26761-40-0 68515-49-1	LT 360	LT 340	LT 340	LT 340	1000
Di-n-hexyl phthalate (DnHP)	84-75-3	LT 360	LT 340	LT 340	LT 340	1000
Conclusion		PASS	PASS	PASS	PASS	

Note:

mg/kg (Milligrams per kilogram) = ppm (Parts per million) = 0.0001 % m/m (Percent by mass)

LT = Less than

ND = Not detected (Reporting Limit = 300 mg/kg)

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

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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 No.		9	10	11	12	Limit (mg/kg)
Test Item	CAS No.	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	
Dibutyl phthalate (DBP)	84-74-2	LT 350	ND	LT 350	ND	1000
Benzyl butyl phthalate (BBP)	85-68-7	LT 350	ND	LT 350	ND	1000
Di-(2-ethylhexyl) phthalate (DEHP)	117-81-7	LT 350	ND	LT 350	ND	1000
Diisononyl phthalate (DINP)	28553-12-0 68515-48-0	LT 350	ND	LT 350	ND	1000
Diisodecyl phthalate (DIDP)	26761-40-0 68515-49-1	LT 350	ND	LT 350	ND	1000
Di-n-hexyl phthalate (DnHP)	84-75-3	LT 350	ND	LT 350	ND	1000
Conclusion		PASS	PASS	PASS	PASS	

Note:

mg/kg (Milligrams per kilogram) = ppm (Parts per million) = 0.0001 % m/m (Percent by mass)

LT = Less than

ND = Not detected (Reporting Limit = 300 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.

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 No.		13	14	15	16	Limit (mg/kg)
Test Item	CAS No.	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	
Dibutyl phthalate (DBP)	84-74-2	LT 340	LT 340	LT 370	LT 340	1000
Benzyl butyl phthalate (BBP)	85-68-7	LT 340	LT 340	LT 370	LT 340	1000
Di-(2-ethylhexyl) phthalate (DEHP)	117-81-7	LT 340	LT 340	LT 370	LT 340	1000
Diisononyl phthalate (DINP)	28553-12-0 68515-48-0	LT 340	LT 340	LT 370	LT 340	1000
Diisodecyl phthalate (DIDP)	26761-40-0 68515-49-1	LT 340	LT 340	LT 370	LT 340	1000
Di-n-hexyl phthalate (DnHP)	84-75-3	LT 340	LT 340	LT 370	LT 340	1000
Conclusion		PASS	PASS	PASS	PASS	

Note:

mg/kg (Milligrams per kilogram) = ppm (Parts per million) = 0.0001 % m/m (Percent by mass)

LT = Less than

ND = Not detected (Reporting Limit = 300 mg/kg)

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

Remark:

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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 No.		17	18	19	20	Limit (mg/kg)
Test Item	CAS No.	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	
Dibutyl phthalate (DBP)	84-74-2	LT 380	LT 350	LT 350	LT 380	1000
Benzyl butyl phthalate (BBP)	85-68-7	LT 380	LT 350	LT 350	LT 380	1000
Di-(2-ethylhexyl) phthalate (DEHP)	117-81-7	LT 380	LT 350	LT 350	LT 380	1000
Diisononyl phthalate (DINP)	28553-12-0 68515-48-0	LT 380	LT 350	LT 350	LT 380	1000
Diisodecyl phthalate (DIDP)	26761-40-0 68515-49-1	LT 380	LT 350	LT 350	LT 380	1000
Di-n-hexyl phthalate (DnHP)	84-75-3	LT 380	LT 350	LT 350	LT 380	1000
Conclusion		PASS	PASS	PASS	PASS	

Note:

mg/kg (Milligrams per kilogram) = ppm (Parts per million) = 0.0001 % m/m (Percent by mass)

LT = Less than

ND = Not detected (Reporting Limit = 300 mg/kg)

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

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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 No.		21	22	23	24	Limit (mg/kg)
Test Item	CAS No.	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	
Dibutyl phthalate (DBP)	84-74-2	LT 390	ND	LT 370	ND	1000
Benzyl butyl phthalate (BBP)	85-68-7	LT 390	ND	LT 370	ND	1000
Di-(2-ethylhexyl) phthalate (DEHP)	117-81-7	LT 390	ND	LT 370	ND	1000
Diisononyl phthalate (DINP)	28553-12-0 68515-48-0	LT 390	ND	LT 370	ND	1000
Diisodecyl phthalate (DIDP)	26761-40-0 68515-49-1	LT 390	ND	LT 370	ND	1000
Di-n-hexyl phthalate (DnHP)	84-75-3	LT 390	ND	LT 370	ND	1000
Conclusion		PASS	PASS	PASS	PASS	

Note:

mg/kg (Milligrams per kilogram) = ppm (Parts per million) = 0.0001 % m/m (Percent by mass)

LT = Less than

ND = Not detected (Reporting Limit = 300 mg/kg)

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

Remark:

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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 No.		25	26	27	28	Limit (mg/kg)
Test Item	CAS No.	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	
Dibutyl phthalate (DBP)	84-74-2	ND	ND	ND	ND	1000
Benzyl butyl phthalate (BBP)	85-68-7	ND	ND	ND	ND	1000
Di-(2-ethylhexyl) phthalate (DEHP)	117-81-7	ND	ND	ND	ND	1000
Diisononyl phthalate (DINP)	28553-12-0 68515-48-0	ND	ND	ND	ND	1000
Diisodecyl phthalate (DIDP)	26761-40-0 68515-49-1	ND	ND	ND	ND	1000
Di-n-hexyl phthalate (DnHP)	84-75-3	ND	ND	ND	ND	1000
Conclusion		PASS	PASS	PASS	PASS	

Note:

mg/kg (Milligrams per kilogram) = ppm (Parts per million) = 0.0001 % m/m (Percent by mass)

LT = Less than

ND = Not detected (Reporting Limit = 300 mg/kg)

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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 No.	29	30	31	32	Limit (mg/kg)
Test Item CAS No.	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	
Dibutyl phthalate (DBP) 84-74-2	ND	ND	ND	ND	1000
Benzyl butyl phthalate (BBP) 85-68-7	ND	ND	ND	ND	1000
Di-(2-ethylhexyl) phthalate (DEHP) 117-81-7	ND	ND	ND	ND	1000
Diisononyl phthalate (DINP) 28553-12-0 68515-48-0	ND	ND	ND	ND	1000
Diisodecyl phthalate (DIDP) 26761-40-0 68515-49-1	ND	ND	ND	ND	1000
Di-n-hexyl phthalate (DnHP) 84-75-3	ND	ND	ND	ND	1000
Conclusion	PASS	PASS	PASS	PASS	

Note:

mg/kg (Milligrams per kilogram) = ppm (Parts per million) = 0.0001 % m/m (Percent by mass)

LT = Less than

ND = Not detected (Reporting Limit = 300 mg/kg)

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

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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 No.	33	34	35	36	Limit (mg/kg)
Test Item CAS No.	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	
Dibutyl phthalate (DBP) 84-74-2	ND	ND	ND	ND	1000
Benzyl butyl phthalate (BBP) 85-68-7	ND	ND	ND	ND	1000
Di-(2-ethylhexyl) phthalate (DEHP) 117-81-7	ND	ND	ND	ND	1000
Diisononyl phthalate (DINP) 28553-12-0 68515-48-0	ND	ND	ND	ND	1000
Diisodecyl phthalate (DIDP) 26761-40-0 68515-49-1	ND	ND	ND	ND	1000
Di-n-hexyl phthalate (DnHP) 84-75-3	ND	ND	ND	ND	1000
Conclusion	PASS	PASS	PASS	PASS	

Note:

mg/kg (Milligrams per kilogram) = ppm (Parts per million) = 0.0001 % m/m (Percent by mass)

LT = Less than

ND = Not detected (Reporting Limit = 300 mg/kg)

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

Remark:

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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 No.		37	38	39	40	Limit (mg/kg)
Test Item	CAS No.	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	
Dibutyl phthalate (DBP)	84-74-2	LT 340	LT 330	LT 360	ND	1000
Benzyl butyl phthalate (BBP)	85-68-7	LT 340	LT 330	LT 360	ND	1000
Di-(2-ethylhexyl) phthalate (DEHP)	117-81-7	LT 340	LT 330	LT 360	ND	1000
Diisononyl phthalate (DINP)	28553-12-0 68515-48-0	LT 340	LT 330	LT 360	ND	1000
Diisodecyl phthalate (DIDP)	26761-40-0 68515-49-1	LT 340	LT 330	LT 360	ND	1000
Di-n-hexyl phthalate (DnHP)	84-75-3	LT 340	LT 330	LT 360	ND	1000
Conclusion		PASS	PASS	PASS	PASS	

Note:

mg/kg (Milligrams per kilogram) = ppm (Parts per million) = 0.0001 % m/m (Percent by mass)

LT = Less than

ND = Not detected (Reporting Limit = 300 mg/kg)

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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 No.	41	42	43	---	Limit (mg/kg)	
Test Item	CAS No.	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	
Dibutyl phthalate (DBP)	84-74-2	ND	ND	LT 390	---	1000
Benzyl butyl phthalate (BBP)	85-68-7	ND	ND	LT 390	---	1000
Di-(2-ethylhexyl) phthalate (DEHP)	117-81-7	ND	ND	LT 390	---	1000
Diisononyl phthalate (DINP)	28553-12-0 68515-48-0	ND	ND	LT 390	---	1000
Diisodecyl phthalate (DIDP)	26761-40-0 68515-49-1	ND	ND	LT 390	---	1000
Di-n-hexyl phthalate (DnHP)	84-75-3	ND	ND	LT 390	---	1000
Conclusion		PASS	PASS	PASS	---	

Note:

mg/kg (Milligrams per kilogram) = ppm (Parts per million) = 0.0001 % m/m (Percent by mass)

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ND = Not detected (Reporting Limit = 300 mg/kg)

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DETAILED RESULTS:

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 No.		1	2	3	4	Limit (mg/kg)
Test Item	CAS No.	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	
Dibutyl phthalate (DBP)	84-74-2	ND	LT 350	ND	LT 360	1000
Benzyl butyl phthalate (BBP)	85-68-7	ND	LT 350	ND	LT 360	1000
Di-(2-ethylhexyl) phthalate (DEHP)	117-81-7	ND	LT 350	ND	LT 360	1000
Diisononyl phthalate (DINP)	28553-12-0 68515-48-0	ND	LT 350	ND	LT 360	1000
Di-n-hexyl phthalate (DHEXP / DnHP)	84-75-3	ND	LT 350	ND	LT 360	1000
Dicyclohexyl phthalate (DCHP)	84-61-7	ND	LT 350	ND	LT 360	1000
Diisobutyl phthalate (DIBP)	84-69-5	ND	LT 350	ND	LT 360	1000
Di-n-pentyl phthalate (DPENP)	131-18-0	ND	LT 350	ND	LT 360	1000
Conclusion		PASS	PASS	PASS	PASS	

Note:

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DETAILED RESULTS:

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 No.		5	6	7	8	
Test Item	CAS No.	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Limit (mg/kg)
Dibutyl phthalate (DBP)	84-74-2	LT 360	LT 340	LT 340	LT 340	1000
Benzyl butyl phthalate (BBP)	85-68-7	LT 360	LT 340	LT 340	LT 340	1000
Di-(2-ethylhexyl) phthalate (DEHP)	117-81-7	LT 360	LT 340	LT 340	LT 340	1000
Diisononyl phthalate (DINP)	28553-12-0 68515-48-0	LT 360	LT 340	LT 340	LT 340	1000
Di-n-hexyl phthalate (DHEXP / DnHP)	84-75-3	LT 360	LT 340	LT 340	LT 340	1000
Dicyclohexyl phthalate (DCHP)	84-61-7	LT 360	LT 340	LT 340	LT 340	1000
Diisobutyl phthalate (DIBP)	84-69-5	LT 360	LT 340	LT 340	LT 340	1000
Di-n-pentyl phthalate (DPENP)	131-18-0	LT 360	LT 340	LT 340	LT 340	1000
Conclusion		PASS	PASS	PASS	PASS	

Note:

mg/kg (Milligrams per kilogram) = ppm (Parts per million) = 0.0001 % m/m (Percent by mass)

LT = Less than

ND = Not detected (Reporting Limit = 300 mg/kg)

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

DETAILED RESULTS:

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 No.		9	10	11	12	Limit (mg/kg)
Test Item	CAS No.	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	
Dibutyl phthalate (DBP)	84-74-2	LT 350	ND	LT 350	ND	1000
Benzyl butyl phthalate (BBP)	85-68-7	LT 350	ND	LT 350	ND	1000
Di-(2-ethylhexyl) phthalate (DEHP)	117-81-7	LT 350	ND	LT 350	ND	1000
Diisononyl phthalate (DINP)	28553-12-0 68515-48-0	LT 350	ND	LT 350	ND	1000
Di-n-hexyl phthalate (DHEXP / DnHP)	84-75-3	LT 350	ND	LT 350	ND	1000
Dicyclohexyl phthalate (DCHP)	84-61-7	LT 350	ND	LT 350	ND	1000
Diisobutyl phthalate (DIBP)	84-69-5	LT 350	ND	LT 350	ND	1000
Di-n-pentyl phthalate (DPENP)	131-18-0	LT 350	ND	LT 350	ND	1000
Conclusion		PASS	PASS	PASS	PASS	

Note:

mg/kg (Milligrams per kilogram) = ppm (Parts per million) = 0.0001 % m/m (Percent by mass)

LT = Less than

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DETAILED RESULTS:

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 No.		13	14	15	16	
Test Item	CAS No.	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Limit (mg/kg)
Dibutyl phthalate (DBP)	84-74-2	LT 340	LT 340	LT 370	LT 340	1000
Benzyl butyl phthalate (BBP)	85-68-7	LT 340	LT 340	LT 370	LT 340	1000
Di-(2-ethylhexyl) phthalate (DEHP)	117-81-7	LT 340	LT 340	LT 370	LT 340	1000
Diisononyl phthalate (DINP)	28553-12-0 68515-48-0	LT 340	LT 340	LT 370	LT 340	1000
Di-n-hexyl phthalate (DHEXP / DnHP)	84-75-3	LT 340	LT 340	LT 370	LT 340	1000
Dicyclohexyl phthalate (DCHP)	84-61-7	LT 340	LT 340	LT 370	LT 340	1000
Diisobutyl phthalate (DIBP)	84-69-5	LT 340	LT 340	LT 370	LT 340	1000
Di-n-pentyl phthalate (DPENP)	131-18-0	LT 340	LT 340	LT 370	LT 340	1000
Conclusion		PASS	PASS	PASS	PASS	

Note:

mg/kg (Milligrams per kilogram) = ppm (Parts per million) = 0.0001 % m/m (Percent by mass)

LT = Less than

ND = Not detected (Reporting Limit = 300 mg/kg)

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DETAILED RESULTS:

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 No.		17	18	19	20	Limit (mg/kg)
Test Item	CAS No.	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	
Dibutyl phthalate (DBP)	84-74-2	LT 380	LT 350	LT 350	LT 380	1000
Benzyl butyl phthalate (BBP)	85-68-7	LT 380	LT 350	LT 350	LT 380	1000
Di-(2-ethylhexyl) phthalate (DEHP)	117-81-7	LT 380	LT 350	LT 350	LT 380	1000
Diisononyl phthalate (DINP)	28553-12-0 68515-48-0	LT 380	LT 350	LT 350	LT 380	1000
Di-n-hexyl phthalate (DHEXP / DnHP)	84-75-3	LT 380	LT 350	LT 350	LT 380	1000
Dicyclohexyl phthalate (DCHP)	84-61-7	LT 380	LT 350	LT 350	LT 380	1000
Diisobutyl phthalate (DIBP)	84-69-5	LT 380	LT 350	LT 350	LT 380	1000
Di-n-pentyl phthalate (DPENP)	131-18-0	LT 380	LT 350	LT 350	LT 380	1000
Conclusion		PASS	PASS	PASS	PASS	

Note:

mg/kg (Milligrams per kilogram) = ppm (Parts per million) = 0.0001 % m/m (Percent by mass)

LT = Less than

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DETAILED RESULTS:

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 No.		21	22	23	24	Limit (mg/kg)
Test Item	CAS No.	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	
Dibutyl phthalate (DBP)	84-74-2	LT 390	ND	LT 370	ND	1000
Benzyl butyl phthalate (BBP)	85-68-7	LT 390	ND	LT 370	ND	1000
Di-(2-ethylhexyl) phthalate (DEHP)	117-81-7	LT 390	ND	LT 370	ND	1000
Diisononyl phthalate (DINP)	28553-12-0 68515-48-0	LT 390	ND	LT 370	ND	1000
Di-n-hexyl phthalate (DHEXP / DnHP)	84-75-3	LT 390	ND	LT 370	ND	1000
Dicyclohexyl phthalate (DCHP)	84-61-7	LT 390	ND	LT 370	ND	1000
Diisobutyl phthalate (DIBP)	84-69-5	LT 390	ND	LT 370	ND	1000
Di-n-pentyl phthalate (DPENP)	131-18-0	LT 390	ND	LT 370	ND	1000
Conclusion		PASS	PASS	PASS	PASS	

Note:

mg/kg (Milligrams per kilogram) = ppm (Parts per million) = 0.0001 % m/m (Percent by mass)

LT = Less than

ND = Not detected (Reporting Limit = 300 mg/kg)

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

DETAILED RESULTS:

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 No.		25	26	27	28	
Test Item	CAS No.	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Limit (mg/kg)
Dibutyl phthalate (DBP)	84-74-2	ND	ND	ND	ND	1000
Benzyl butyl phthalate (BBP)	85-68-7	ND	ND	ND	ND	1000
Di-(2-ethylhexyl) phthalate (DEHP)	117-81-7	ND	ND	ND	ND	1000
Diisononyl phthalate (DINP)	28553-12-0 68515-48-0	ND	ND	ND	ND	1000
Di-n-hexyl phthalate (DHEXP / DnHP)	84-75-3	ND	ND	ND	ND	1000
Dicyclohexyl phthalate (DCHP)	84-61-7	ND	ND	ND	ND	1000
Diisobutyl phthalate (DIBP)	84-69-5	ND	ND	ND	ND	1000
Di-n-pentyl phthalate (DPENP)	131-18-0	ND	ND	ND	ND	1000
Conclusion		PASS	PASS	PASS	PASS	

Note:

mg/kg (Milligrams per kilogram) = ppm (Parts per million) = 0.0001 % m/m (Percent by mass)

LT = Less than

ND = Not detected (Reporting Limit = 300 mg/kg)

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

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DETAILED RESULTS:

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 No.		29	30	31	32	Limit (mg/kg)
Test Item	CAS No.	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	
Dibutyl phthalate (DBP)	84-74-2	ND	ND	ND	ND	1000
Benzyl butyl phthalate (BBP)	85-68-7	ND	ND	ND	ND	1000
Di-(2-ethylhexyl) phthalate (DEHP)	117-81-7	ND	ND	ND	ND	1000
Diisononyl phthalate (DINP)	28553-12-0 68515-48-0	ND	ND	ND	ND	1000
Di-n-hexyl phthalate (DHEXP / DnHP)	84-75-3	ND	ND	ND	ND	1000
Dicyclohexyl phthalate (DCHP)	84-61-7	ND	ND	ND	ND	1000
Diisobutyl phthalate (DIBP)	84-69-5	ND	ND	ND	ND	1000
Di-n-pentyl phthalate (DPENP)	131-18-0	ND	ND	ND	ND	1000
Conclusion		PASS	PASS	PASS	PASS	

Note:

mg/kg (Milligrams per kilogram) = ppm (Parts per million) = 0.0001 % m/m (Percent by mass)

LT = Less than

ND = Not detected (Reporting Limit = 300 mg/kg)

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

DETAILED RESULTS:

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 No.		33	34	35	36	Limit (mg/kg)
Test Item	CAS No.	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	
Dibutyl phthalate (DBP)	84-74-2	ND	ND	ND	ND	1000
Benzyl butyl phthalate (BBP)	85-68-7	ND	ND	ND	ND	1000
Di-(2-ethylhexyl) phthalate (DEHP)	117-81-7	ND	ND	ND	ND	1000
Diisononyl phthalate (DINP)	28553-12-0 68515-48-0	ND	ND	ND	ND	1000
Di-n-hexyl phthalate (DHEXP / DnHP)	84-75-3	ND	ND	ND	ND	1000
Dicyclohexyl phthalate (DCHP)	84-61-7	ND	ND	ND	ND	1000
Diisobutyl phthalate (DIBP)	84-69-5	ND	ND	ND	ND	1000
Di-n-pentyl phthalate (DPENP)	131-18-0	ND	ND	ND	ND	1000
Conclusion		PASS	PASS	PASS	PASS	

Note:

mg/kg (Milligrams per kilogram) = ppm (Parts per million) = 0.0001 % m/m (Percent by mass)

LT = Less than

ND = Not detected (Reporting Limit = 300 mg/kg)

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

DETAILED RESULTS:

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 No.		37	38	39	40	
Test Item	CAS No.	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Limit (mg/kg)
Dibutyl phthalate (DBP)	84-74-2	LT 340	LT 330	LT 360	ND	1000
Benzyl butyl phthalate (BBP)	85-68-7	LT 340	LT 330	LT 360	ND	1000
Di-(2-ethylhexyl) phthalate (DEHP)	117-81-7	LT 340	LT 330	LT 360	ND	1000
Diisononyl phthalate (DINP)	28553-12-0 68515-48-0	LT 340	LT 330	LT 360	ND	1000
Di-n-hexyl phthalate (DHEXP / DnHP)	84-75-3	LT 340	LT 330	LT 360	ND	1000
Dicyclohexyl phthalate (DCHP)	84-61-7	LT 340	LT 330	LT 360	ND	1000
Diisobutyl phthalate (DIBP)	84-69-5	LT 340	LT 330	LT 360	ND	1000
Di-n-pentyl phthalate (DPENP)	131-18-0	LT 340	LT 330	LT 360	ND	1000
Conclusion		PASS	PASS	PASS	PASS	

Note:

mg/kg (Milligrams per kilogram) = ppm (Parts per million) = 0.0001 % m/m (Percent by mass)

LT = Less than

ND = Not detected (Reporting Limit = 300 mg/kg)

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DETAILED RESULTS:

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 No.		41	42	43	---	
Test Item	CAS No.	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Limit (mg/kg)
Dibutyl phthalate (DBP)	84-74-2	ND	ND	LT 390	---	1000
Benzyl butyl phthalate (BBP)	85-68-7	ND	ND	LT 390	---	1000
Di-(2-ethylhexyl) phthalate (DEHP)	117-81-7	ND	ND	LT 390	---	1000
Diisononyl phthalate (DINP)	28553-12-0 68515-48-0	ND	ND	LT 390	---	1000
Di-n-hexyl phthalate (DHEXP / DnHP)	84-75-3	ND	ND	LT 390	---	1000
Dicyclohexyl phthalate (DCHP)	84-61-7	ND	ND	LT 390	---	1000
Diisobutyl phthalate (DIBP)	84-69-5	ND	ND	LT 390	---	1000
Di-n-pentyl phthalate (DPENP)	131-18-0	ND	ND	LT 390	---	1000
Conclusion		PASS	PASS	PASS	---	

Note:

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LT = Less than

ND = Not detected (Reporting Limit = 300 mg/kg)

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

SPECIMEN DESCRIPTION:

Specimen No.	Specimen Description	Location
1	Red coating	On zipper head
2	Dull red coating	On zipper head
3	Light pink coating	On zipper head
4	Pink coating	On zipper head
5	Deep pink coating	On zipper head
6	Peach pink coating	On zipper head
7	Peach coating	On zipper head
8	Pale orange coating	On zipper head
9	Orange coating	On zipper head
10	Pale yellow coating	On zipper head
11	Deep yellow coating	On zipper head
12	Light green coating	On zipper head
13	Green coating	On zipper head
14	Aqua green coating	On zipper head
15	Turquoise coating	On zipper head
16	Pale blue coating	On zipper head
17	Blue coating	On zipper head
18	Light blue coating	On zipper head
19	Sky blue coating	On zipper head
20	Deep blue coating	On zipper head
21	Dark blue coating	On zipper head
22	Lavender coating	On zipper head
23	Purple coating	On zipper head
24	White coating	On zipper head
25	Black coating	On zipper head
26	Sharp pink coating	On zipper head
27	Brick red coating	On zipper head

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SPECIMEN DESCRIPTION:

Specimen No.	Specimen Description	Location
28	Flat brown coating	On zipper head
29	Sharp yellow coating	On zipper head
30	Navy coating	On zipper head
31	Flat purple coating	On zipper head
32	Magenta coating	On zipper head
33	Dull grey coating	On zipper head
34	Grey coating	On zipper head
35	Pale grey coating	On zipper head
36	Dark grey coating	On zipper head
37	Khaki coating	On zipper head
38	Matt dark grey coating	On zipper head
39	Pale brown coating	On zipper head
40	Muddy yellow coating	On zipper head
41	Flesh coating	On zipper head
42	Golden coating	On zipper head
43	Olive green coating	On zipper head
44	Silvery metal	Zipper head
45	Light silvery metal	Zipper puller

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SAMPLE PHOTO:



-End Report-

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