



TOYTESTINGLAB

Independent Testing for Your Products

A DIVISION OF RI ANALYTICAL

Executive Summary

Imagination Brands Co., LLC
Mr. Marc Cooper
114 Lothrop St.
Beverly, MA 01915

Date Received: 08/21/2012
Date Reported: 08/31/2012

WO#: 1208-17325
Labeled Age Grade: 3+
Tested Age Grade: 3+

Product: Doodle Roll - 6 Inch
UPC No: 852125003011
Tracking No:

ToyTestingLab has completed CPSIA and ASTM F963 compliance testing of this product. The following sections of ASTM F963-11 Physical & Mechanical testing were found to be applicable to this product:


4.1 Material Quality, 4.2 Flammability, 4.3.5 Soluble Metals Analysis, 4.6 Small Objects, 4.7 Accessible Edges, 4.12 Plastic Film, 5.2 Age Grading Labeling, and 7 Producer's Markings

Foreign Origin 19 CFR 134 labeling requirements were also applied. Product was also tested in accordance with CPSIA requirements for Total Lead and Phthalates*.

*Note: The crayons included with this product were assessed for physical and mechanical properties only.

ToyTestingLab has determined this product to Pass the requirements for the above mentioned sections of the regulations.

Certificate of analysis and all testing results are included in the attached report. Should you have any questions or concerns regarding the testing of this product please contact ToyTestingLab at 401-562-1323.



Benjamin Miranda
Technical Director



CERTIFICATE OF ANALYSIS

Imagination Brands Co, LLC
114 Lothrop Street
Beverly, MA 01915

Attn: Mr. Marc Cooper

Date Received: 8/21/12
Date Reported: 8/31/12
P.O. #:
Work Order #: 1208-17325

DESCRIPTION: DOODLE ROLL - 6 INCH

Subject sample(s) has/have been analyzed by our Warwick, R.I. laboratory with the attached results.

References: 16 CFR, part 1303, ASTM E 1645, ASTM E 1613, CPSC-CH-E1001-08, CPSC-CH-E1002-08, CPSC-CH-C1001-09.3, CPSC-CH-E1003-09.1, ASTM F963-11 and EN-71. The specific methodologies are listed in the methods column of the Certificate of Analysis.

Data qualifiers (if present) are explained in full at the end of a given sample's analytical results. The Certificate of Analysis shall not be reproduced except in full, without written approval of ToyTestingLab. Results relate only to samples submitted to the laboratory for analysis. Test results are not blank corrected.

CPSC Identification # 1097 and A2LA Number: 2815.01

If you have any questions regarding this work, or if we may be of further assistance, please contact our customer service department.

We certify that the following results are true and accurate to the best of our knowledge:


Benjamin Miranda
Technical Director

enc: Chain of Custody

ToyTestingLab

A Division of R.I. Analytical Laboratories, Inc.

CERTIFICATE OF ANALYSIS

Imagination Brands Co, LLC
 Date Received: 8/21/12
 Work Order #: 1208-17325

Sample # 001

SAMPLE DESCRIPTION: GLOSS COATING OVER MAIN DISPLAY HEADER CARDS & ROUND DISK

PARAMETER	SAMPLE RESULTS	DET. LIMIT	UNITS	METHOD	DATE ANALYZED	ANALYST
METAL ANALYSIS						
Cadmium	<4.7	4.7	ppm	ICP	8/30/12	JRW
Lead	<19	19	ppm	ICP	8/30/12	JRW

Note 1: Sample is in compliance with CPSIA lead limit of 90 ppm in surface coating material effective August 14, 2009.

Note 2: There are currently no published federal standards in the United States which regulate cadmium in this type of product, however, several states have established laws which limit total or soluble cadmium content.

The < sign denotes not detected.

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CERTIFICATE OF ANALYSIS

Imagination Brands Co, LLC
 Date Received: 8/21/12
 Work Order #: 1208-17325

Sample # 002
 SAMPLE DESCRIPTION: SURFACE COATING FROM CRAYON WRAPS

PARAMETER	SAMPLE RESULTS	DET. LIMIT	UNITS	METHOD	DATE ANALYZED	ANALYST
METAL ANALYSIS						
Cadmium	<4.6	4.6	ppm	ICP	8/30/12	JRW
Lead	<18	18	ppm	ICP	8/30/12	JRW
ASTM F963 Soluble Heavy Metals						
Antimony	<42.9	42.9	mg/kg	ICP	8/28/12	JRW
Arsenic	<13	13	mg/kg	ICP	8/28/12	JRW
Barium	13*	4.3	mg/kg	ICP	8/28/12	JRW
Cadmium	<2.2	2.2	mg/kg	ICP	8/28/12	JRW
Chromium	<13	13	mg/kg	ICP	8/28/12	JRW
Lead	<17	17	mg/kg	ICP	8/28/12	JRW
Mercury	<0.43	0.43	mg/kg	CVAA	8/28/12	JRW
Selenium	<86	86	mg/kg	ICP	8/28/12	JRW

Note 1: Sample is in compliance with CPSIA lead limit of 90 ppm in surface coating material effective August 14, 2009.

Note 2: There are currently no published federal standards in the United States which regulate cadmium in this type of product, however, several states have established laws which limit total or soluble cadmium content.

The allowable concentrations of soluble metals according to ASTM F963-11 Section 4.3.5 are as follows:

Soluble Metal	Allowable Concentration mg/kg
Antimony	60
Arsenic	25
Barium	1000
Cadmium	75
Chromium	60
Lead	90
Mercury	60
Selenium	500

* Result was adjusted by subtracting the analytical correction factor prescribed by Section 8.3.4.3 of the method.

The < sign denotes not detected.

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CERTIFICATE OF ANALYSIS

Imagination Brands Co, LLC
 Date Received: 8/21/12
 Work Order #: 1208-17325

Sample # 003

SAMPLE DESCRIPTION: CARDBOARD SUBSTRATE - MAIN DISPLAY HEADER CARDS/ROUND DISK

PARAMETER	SAMPLE RESULTS	DET. LIMIT	UNITS	METHOD	DATE ANALYZED	ANALYST
METAL ANALYSIS						
Cadmium	<4.7	4.7	ppm	ICP	8/30/12	JRW
Lead	<19	19	ppm	ICP	8/30/12	JRW
ASTM F963 Soluble Heavy Metals						
Antimony	<42	42	mg/kg	ICP	8/28/12	JRW
Arsenic	<13	13	mg/kg	ICP	8/28/12	JRW
Barium	<4.2	4.2	mg/kg	ICP	8/28/12	JRW
Cadmium	<2.1	2.1	mg/kg	ICP	8/28/12	JRW
Chromium	<13	13	mg/kg	ICP	8/28/12	JRW
Lead	<17	17	mg/kg	ICP	8/28/12	JRW
Mercury	<0.42	0.42	mg/kg	CVAA	8/28/12	JRW
Selenium	<85	85	mg/kg	ICP	8/28/12	JRW

Note 1: Sample is in compliance with CPSIA lead limit of 100 ppm in substrate material effective August 14, 2011.

Note 2: There are currently no published federal standards in the United States which regulate cadmium in this type of product, however, several states have established laws which limit total or soluble cadmium content.

The allowable concentrations of soluble metals according to ASTM F963-11 Section 4.3.5 are as follows:

Soluble Metal	Allowable Concentration mg/kg
Antimony	60
Arsenic	25
Barium	1000
Cadmium	75
Chromium	60
Lead	90
Mercury	60
Selenium	500

The < sign denotes not detected.

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CERTIFICATE OF ANALYSIS

Imagination Brands Co, LLC
 Date Received: 8/21/12
 Work Order #: 1208-17325

Sample # 004

SAMPLE DESCRIPTION: CLEAR PLASTIC FROM DOODLE ROLL PACKAGING

PARAMETER	SAMPLE RESULTS	DET. LIMIT	UNITS	METHOD	DATE ANALYZED	ANALYST
Flammability	<0.1		inches /sec	ASTM F963-11 A5	8/23/12	BMM
METAL ANALYSIS						
Cadmium	<4.7	4.7	ppm	ICP	8/24/12	PJC
Lead	<19	19	ppm	ICP	8/24/12	PJC
ASTM F963 Soluble Heavy Metals						
Antimony	<32.6	32.6	mg/kg	ICP	8/23/12	PJC
Arsenic	<9.8	9.8	mg/kg	ICP	8/23/12	PJC
Barium	<3.3	3.3	mg/kg	ICP	8/23/12	PJC
Cadmium	<1.6	1.6	mg/kg	ICP	8/23/12	PJC
Chromium	<9.8	9.8	mg/kg	ICP	8/23/12	PJC
Lead	<13	13	mg/kg	ICP	8/23/12	PJC
Mercury	<0.33	0.33	mg/kg	CVAA	8/23/12	PJC
Selenium	<65	65	mg/kg	ICP	8/23/12	PJC
PHTHALATE ANALYSIS						
Bis(2-ethylhexyl)phthalate (DEHP)	<0.01	0.01	%	GC/MS	8/28/12	TCL
Di-n-butyl phthalate (DBP)	<0.01	0.01	%	GC/MS	8/28/12	TCL
Butylbenzyl phthalate (BBP)	<0.01	0.01	%	GC/MS	8/28/12	TCL
Di-n-octyl phthalate (DNOP)	<0.01	0.01	%	GC/MS	8/28/12	TCL
Diisononyl phthalate (DINP)	<0.05	0.05	%	GC/MS	8/28/12	TCL
Diisodecyl phthalate (DIDP)	<0.05	0.05	%	GC/MS	8/28/12	TCL
Di-n-hexyl phthalate (DnHP)	<0.01	0.01	%	GC/MS	8/28/12	TCL

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CERTIFICATE OF ANALYSIS

Imagination Brands Co, LLC
 Date Received: 8/21/12
 Work Order #: 1208-17325

Note 1: Sample is in compliance with CPSIA lead limit of 100 ppm in substrate material effective August 14, 2011.

Note 2: There are currently no published federal standards in the United States which regulate cadmium in this type of product, however, several states have established laws which limit total or soluble cadmium content.

Note 3: All Phthalates tested are in compliance with CPSIA limits of 0.1% effective February 10, 2009.

The allowable concentrations of soluble metals according to ASTM F963-11 Section 4.3.5 are as follows:

Soluble Metal	Allowable Concentration mg/kg
Antimony	60
Arsenic	25
Barium	1000
Cadmium	75
Chromium	60
Lead	90
Mercury	60
Selenium	500

The < sign denotes not detected.

Sample # 005

SAMPLE DESCRIPTION: COATINGS - MAIN DISPLAY HEADER CARDS/ROUND DISK/CRAYON WRAPS

PARAMETER	SAMPLE RESULTS	DET. LIMIT	UNITS	METHOD	DATE ANALYZED	ANALYST
PHTHALATE ANALYSIS						
Bis(2-ethylhexyl)phthalate (DEHP)	<0.01	0.01	%	GC/MS	8/29/12	TCL
Di-n-butyl phthalate (DBP)	<0.01	0.01	%	GC/MS	8/29/12	TCL
Butylbenzyl phthalate (BBP)	<0.01	0.01	%	GC/MS	8/29/12	TCL
Di-n-octyl phthalate (DNOP)	<0.01	0.01	%	GC/MS	8/29/12	TCL
Diisononyl phthalate (DINP)	<0.05	0.05	%	GC/MS	8/29/12	TCL
Diisodecyl phthalate (DIDP)	<0.05	0.05	%	GC/MS	8/29/12	TCL
Di-n-hexyl phthalate (DnHP)	<0.01	0.01	%	GC/MS	8/29/12	TCL

Note 1: All Phthalates tested are in compliance with CPSIA limits of 0.1% effective February 10, 2009.

The < sign denotes not detected.

ToyTestingLab

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CERTIFICATE OF ANALYSIS

Imagination Brands Co, LLC
 Date Received: 8/21/12
 Work Order #: 1208-17325

Sample # 006

SAMPLE DESCRIPTION: GLOSS COATING OVER MAIN DISPLAY HEADER CARDS & ROUND DISK

PARAMETER	SAMPLE RESULTS	DET. LIMIT	UNITS	METHOD	DATE ANALYZED	ANALYST
ASTM F963 Soluble Heavy Metals						
Antimony	<46	46	mg/kg	ICP	8/28/12	JRW
Arsenic	<14	14	mg/kg	ICP	8/28/12	JRW
Barium	<4.6	4.6	mg/kg	ICP	8/28/12	JRW
Cadmium	<2.3	2.3	mg/kg	ICP	8/28/12	JRW
Chromium	<14	14	mg/kg	ICP	8/28/12	JRW
Lead	<19	19	mg/kg	ICP	8/28/12	JRW
Mercury	<0.46	0.46	mg/kg	CVAA	8/28/12	JRW
Selenium	<93	93	mg/kg	ICP	8/28/12	JRW

The allowable concentrations of soluble metals according to ASTM F963-11 Section 4.3.5 are as follows:

Soluble Metal	Allowable Concentration mg/kg
Antimony	60
Arsenic	25
Barium	1000
Cadmium	75
Chromium	60
Lead	90
Mercury	60
Selenium	500

The < sign denotes not detected.

Sample # 007

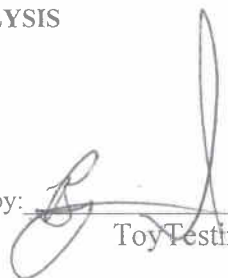
SAMPLE DESCRIPTION: PHYSICAL/MECHANICAL

PARAMETER	SAMPLE RESULTS	DET. LIMIT	UNITS	METHOD	DATE ANALYZED	ANALYST
ASTM F963-11						
Physical & Mechanical Testing	See Attached			ASTM F963-11	8/29/12	BMM

CERTIFICATE OF ANALYSIS

Client: Imagination Brands Co., LLC
Work Order No. 1208-17325
Date Received: 08/21/2012

Approved by:



ToyTestingLab

Product: Doodle Roll - 6 Inch

Labeled Age Grade: 3+
Tested Age Grade: 3+
UPC No: 852125003011

Sample Size: 1
Country of Origin: USA (Paper, Dispenser)
China (Crayons)

Physical and Mechanical Testing – ASTM F963-11

<u>Section, Scope</u>	<u>Result</u>
4.1 Material Quality Product was manufactured of clean materials and is visually free from infestation.	Pass
4.2 Flammability Flammability testing was performed in accordance with ASTM F963-11 Annex A5. Refer to the attached analytical data report for actual burn rate results.	Pass
4.3 Toxicology* Soluble Metals analysis was performed as referenced in ASTM F963-11 Section 4.3.5. The results are provided in the attached report.	Pass
4.4 Electrical/Thermal Energy	NA
4.5 Sound Producing	NA
4.6 Small Objects Small Object testing was conducted according to ASTM F963-11 Section 4.6. The paper and crayons are exempt according to section 4.6.1.2. The dispenser portion of the product does not pose any potential choking hazards.	Pass
4.7 Accessible Edges Accessible Edges testing was performed in accordance with ASTM F963-11 Section 4.7. Product passes the requirements, as no hazardous sharp edges or burrs were detected prior to or following use and abuse testing.	Pass
4.8 Projections	NA
4.9 Accessible Points	NA
4.10 Wires or Rods	NA

CERTIFICATE OF ANALYSIS

Client: Imagination Brands Co., LLC
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Product: Doodle Roll - 6 Inch

Physical and Mechanical Testing – ASTM F963-11 (cont'd)

4.11 Nails and Fasteners	NA
4.12 Plastic Film	Pass
The plastic packaging was assessed in accordance with ASTM F963-11 Section 4.12. The outer packaging is not a thin film and passes the thickness requirement. The bag containing the crayons is exempt according to section 4.12.2, as it has a minor dimension less than 3.94 inches.	
4.13 Folding Mechanisms	NA
4.14 Cords, Straps, and Elastics	NA
4.15 Stability and Overload Requirements	NA
4.16 Confined Spaces	NA
4.17 Wheels, Tires, and Axles	NA
4.18 Holes, Clearance, and Accessibility of Mechanisms	NA
4.19 Simulated Protection Devices	NA
4.20 Pacifiers	NA
4.21 Projectile Toys	NA
4.22 Teethers and Teething Toys	NA
4.23 Rattles	NA
4.24 Squeeze Toys	NA
4.25 Battery Operated Toys	NA
4.26 Toys Intended to be Attached to A Crib or Playpen	NA
4.27 Stuffed and Beanbag Type Toys	NA
4.28 Stroller and Carriage Toys	NA
4.29 Art Materials	Not Assessed
4.30 Toy Gun Marking	NA
4.31 Balloons	NA
4.32 Certain Toys with Spherical Ends	NA

