

TEST REPORT

ARGUMENT	EN 71-1 Ed.2014 +A1:2018 EN 71-2 Ed.2011 +A1:2014 EN 71-3 Ed.2013 +A3:2018 Regulation 552/2009 (phthalates) Regulation 835/2012 (cadmium)
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Report N°: RDP 3072-19-GI

Applicant: GRABO s.r.l.
Via Vito Nicoletti 2
47853 - Coriano (RN)

Model: see Annex I

Manufacturer: --

Kind of product Plastic film balloons

Test result : * **Pass** without modification. See summary of test specifications on page 7 to end.
The tested sample **meets** the requirements according to the technical regulations cited.

Date of issue: 18/04/2019

SQM s.r.l

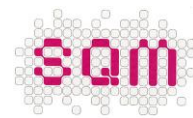
Walter Rancati
Technician

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The test result only responds to the tested sample.

It is not allowed to copy this report partly without the allowance of the test laboratory



IDENTIFICATION OF THE TEST LABORATORY

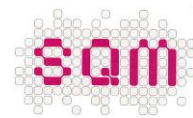
Company name: SQM Strumenti Qualità e Misure Srl

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GENERAL INFORMATION ABOUT THE TEST

1) PRODUCT UNDER TEST- DESCRIPTION

All the test are performed in conformity with the prescriptions of the user/installation documentation provided from the manufacturer.

2) TEST SITES

Laboratories involved:

SQM s.r.l
Via Palermo 10/12
20090 Buccinasco MI

3) TEST SPECIFICATION DEVIATIONS

The tests are executed as described in the standard, respecting the times, the dispositions and the prescribed modalities, the eventual test specification deviations are indicated in the test sheet.

4) TEST RESULTS

The tests results are documented through test sheet.

DESCRIPTION OF THE PRODUCT UNDER TEST:

Destination of use	Toy intended for children over 36 months
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ENVIRONMENTAL CONDITIONS

Temperature:	20 °C - 25 °C
Humidity:	40 % - 65 % rh
Atmospheric pressure:	860 -1060 mbar

STATEMENT OF MEASUREMENT UNCERTAINTY

The data and results referenced in this document are true and accurate. The reader is cautioned that there may be errors within the calibration limits of the equipment and facilities.

The measurement uncertainty was calculated for all measurements listed in this test report and documented in the laboratory quality system. Furthermore, component and process variability of devices similar to that tested may result in additional deviation. The manufacturer has the sole responsibility of continued compliance of the device.

**REFERENCE STANDARD:****EN 71-1 Ed.2014 +A1:2018 Safety of toys – Part 1: Mechanical and physical properties**

4	General requirements	
4.1	Material cleanliness	P
4.3	Flexible plastic sheeting	P
4.7	Edges	P
4.8	Points and metallic wires	P
7	Warnings, markings and instructions for use	P

Ref.	Testing Lab	Report N.	Date
Balloons	APAVE ITALIA CPM	GI.14.43/01/V1	19/03/2014
Since the modifications introduced by the new edition of Standard don't affect this kind of toy, this report is valid to declare the compliance to the new edition of Standard			

REFERENCE STANDARD:**EN 71-2 Ed.2011 +A1:2014 Safety of toys – Part 2: Flammability**

4	Requirements	
4.1	General requirements	P

Ref.	Testing Lab	Report N.	Date
Balloons	APAVE ITALIA CPM	GI.14.43/01/V1	19/03/2014
Since the modifications introduced by the new edition of Standard don't affect this kind of toy, this report is valid to declare the compliance to the new edition of Standard			

REFERENCE STANDARD:

EN 71-3 Ed.2013 +A3:2018 Safety of toys - Part 3: Migration of certain elements

Sample No	Limit: Scraped-off toy materials (mg/Kg)	Result
Antimony (Sb)	560	BL
Arsenic (As)	47	BL
Barium (Ba)	18750	BL
Cadmium (Cd)	17	BL
Chromium III (Cr)	460	BL
Chromium VI (Cr)	0.2	BL
Lead (Pb)	23	BL
Mercury (Hg)	94	BL
Selenium (Se)	460	BL
Aluminium (Al)	70000	BL
Boron (B)	15000	BL
Cobalt (Co)	130	BL
Copper (Cu)	7700	BL
Manganese (Mn)	15000	BL
Nickel (Ni)	930	BL
Strontium (Sr)	56000	BL
Tin (Sn)#	180000	BL
Organic Tin	12	BL
Zinco (Zn)	46000	BL

BL: Below Limit

Ref.	Specimens	Testing Lab	Report N.	Date
Balloons	Plastic sheets Paints	ISTITUTO ITALIANO SICUREZZA DEI GIOCATTOLE	12.24622	31/08/2012
Balloons	Plastic sheets	CCIC	SET2016-14064	30/08/16
Balloons	Plastic sheets	CCIC	SET2016-14065	30/08/16
Balloons	Plastic sheets	CCIC	SET2016-14066	30/08/16
Balloons	Plastic sheets	CCIC	SET2016-14067	30/08/16
Since the new limit for lead introduced by the new edition of Standard was already detected, these reports are valid to declare the compliance to the new edition of Standard				

**REFERENCE STANDARD:****REGULATION 1907/2006, Annex XVII, Point 23 (cadmium) and its amendments**

Sample No	Limit	Result
Cadmium (Cd)	0.1%	BL

BL: Below Limit

Ref.	Specimens	Testing Lab	Report N.	Date
Balloons	Plastic sheets Paints	ISTITUTO ITALIANO SICUREZZA DEI GIOCATTOLE	12.24622	31/08/2012

REFERENCE STANDARD:**REGULATION 1907/2006, Annex XVII, Points 51 and 52 (phthalates)**

Tested Items	Cas. No	EC No.	Limit	Result
DBP: Dibutylphthalate	84-74-2	201-557-4	/	BL
BBP: Benzylbutylphthalate	85-68-7	201-622-7	/	BL
DEHP: Bis(2-ethylhexyl)phthalate	117-81-7	204-211-0	/	BL
Limit for plasticised material in toys and childcare articles	/	/	0.1% (1000 mg/kg)	BL

BL: Below Limit

Tested Items	Cas. No	EC No.	Limit	Result
DNOP: Di-n-octylphthalate	117-84-0	204-214-0	/	BL
DINP: Diisononylphthalate	28553-12-0 68515-48-0	249-079-5 271-090-9	/	BL
DIDP: Diisodecylphthalate	26761-40-0 68515-49-1	247-977-1 271-091-4	/	BL
Limit for plasticised material in toys and childcare articles which can be placed in the mouth by children	/	/	0.1% (1000 mg/kg)	BL

BL: Below Limit

Ref.	Specimens	Testing Lab	Report N.	Date
Balloons	Plastic sheets Paints	ISTITUTO ITALIANO SICUREZZA DEI GIOCATTOLE	12.24622	31/08/2012

Summary

P = Pass

F = Fail

NA = Not applicable

NR = Not requested

ND = Not detected



ANNEX I - LIST OF MODELS