

**Test Report** KE/2019/11123 Date: Jan 16, 2019 Page 1 of 3

New Prismatic Enterprise Co., Ltd. No. 4, Alley 27, Lane 195, Yung Feng Rd., Tu-Cheng District, New Taipei City 236, Taiwan

The following sample(s) was / were submitted and identified on behalf of the client as:

Material Name Glow in the Dark STD Pigment YA-3

Yellow-Green Color Style / Item No. NL-YA-1013 Material Composition **Pigment** 

Madinallonia Madinallonia Sample Submitted By New Prismatic Enterprise Co., Ltd.

Sample Receiving Date Jan 10, 2019

**Testing Period** Jan 10, 2019 ~ Jan 16, 2019

Test Method & Results Please refer to next page(s).

**SGS Taiwan Limited** 

Ray Chang Ph.D. / Manager Signed for and on behalf of

**Chemical Laboratory-Kaohsiung** 

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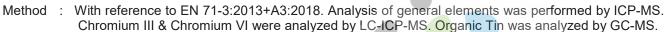


**Test Report** KE/2019/11123 Date: Jan 16, 2019 Page 2 of 3

**Test Results** 

## EN71-3:2013+A3:2018 - Migration of certain elements

Category I: Dry, brittle, powder-like or pliable toy material



		Result (mg/kg)	Reporting Limit	Reference Limit**
Test Item		1	(mg/kg)	(mg/kg)
Soluble Aluminium	(AI)	90 <b>60</b>	50	5,625
Soluble Antimony	(Sb)	n. <b>d.</b>	1	45
Soluble Arsenic	(As)	n.d.	0.5	3.8
Soluble Barium	(Ba)	n.d.	50	1,500
Soluble Boron	(B)	914	50	1,200
Soluble Cadmium	(Cd)	n.d.	0.1	1.3
Soluble Chromium (III)	(Cr (III))	n.d.	5	37.5
Soluble Chromium (VI)	(Cr (VI))	n.d.	0.018	0.02
Soluble Cobalt	(Co)	n.d.	0.5	10.5
Soluble Copper	(Cu)	n.d.	50	622.5
Soluble Lead	(Pb)	n.d.	0.5	2.0
Soluble Manganese	(Mn)	n.d.	50	1,200
Soluble Mercury	(Hg)	n.d.	0.5	7.5
Soluble Nickel	(Ni)	n.d.	10	75
Soluble Selenium	(Se)	n.d.	5	37.5
Soluble Strontium	(Sr)	21300	50	4,500
Soluble Zinc	(Zn)	n.d.	50	3,750
Soluble Tin	(Sn)	n.d.	0.36	15,000
Soluble Organic Tin	^	n.d.		0.9

Test Item(s)	45	Soluble Organic Tin Result(s) (mg/kg)  1	MDL (mg/kg)
Methyl tin	(MeT)	n.d.	0.14
Di-n-propyl tin	(DProT)	n.d.	0.14
Butyl tin	(BuT)	n.d.	0.14
Dibutyl tin	(DBT)	n.d.	0.14
Tributyl tin	(TBT)	n.d.	0.14
n-Octyl tin	(MOT)	n.d.	0.14
Tetrabutyl tin	(TeBT)	n.d.	0.14
Diphenyl tin	(DPhT)	n.d.	0.14
Di-n-octyl tin	(DOT)	n.d.	0.14
Triphenyl tin	(TPhT)	n.d.	0.14

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**Test Report** KE/2019/11123 Date: Jan 16, 2019 Page 3 of 3

## Sample Description:

Yellow-Green Pigment

Note: - mg/kg = milligram per kilogram

- n.d. = Not Detected

-1% = 10000 mg/kg = 10000 ppm

Remark: \*\* = Test requirement in the submitted sample is not applicable. The product scope that mentioned

by European Directive 2009/48/EC and its amendment Council Directive (EU) 2017/738 is for toy

material.

## **Sample Photo**

## KE/2019/1112



SGS authenticate the photo on original report only

\*\*\* End of Report \*\*\*

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