

Test Report

No. : CT/2017/C1216

Date : 2018/01/10

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NEW PRISMATIC ENTERPRISE CO., LTD.

CT/2017/C1216

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 by/on behalf of the applicant as :

Sample Submitted By : NEW PRISMATIC ENTERPRISE CO., LTD.
Sample Description : PHOTOCROMIC DYE #18 ORANGE
Style/Item No. : UV-OP-2018
Sample Receiving Date : 2017/12/29
Testing Period : 2017/12/29 TO 2018/01/10

=====
Test Requested : As specified by client, with reference to EN 71-3: 2013 - Migration of certain elements.
Test Method : Please refer to following pages.
Test Result(s) : Please refer to following pages.


Troy Chang, Manager - Tech
Signed for and on behalf of
SGS TAIWAN LTD.
Chemical Laboratory - Taipei



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Test Result(s)

PART NAME No.1 : ORANGE POWDER

Category I					PASS
Test Item(s)	Unit	Method	MDL	Result	Limit
				No.1	
Soluble Aluminum (Al)	mg/kg	With reference to EN 71 Part 3:2013 + A1:2014. Analysis was performed by ICP-AES.	50	n.d.	5625
Soluble Antimony (Sb)	mg/kg		1	n.d.	45
Soluble Arsenic (As)	mg/kg		0.5	n.d.	3.8
Soluble Barium (Ba)	mg/kg		50	n.d.	1500
Soluble Boron (B)	mg/kg		50	n.d.	1200
Soluble Cadmium (Cd)	mg/kg		0.1	n.d.	1.3
Soluble Cobalt (Co)	mg/kg		0.5	n.d.	10.5
Soluble Copper (Cu)	mg/kg		50	n.d.	622.5
Soluble Lead (Pb)	mg/kg		0.5	n.d.	13.5
Soluble Manganese (Mn)	mg/kg		50	n.d.	1200
Soluble Mercury (Hg)	mg/kg		0.5	n.d.	7.5
Soluble Nickel (Ni)	mg/kg		10	n.d.	75
Soluble Selenium (Se)	mg/kg		5	n.d.	37.5
Soluble Strontium (Sr)	mg/kg		50	n.d.	4500
Soluble Tin (Sn)	mg/kg		4.9	n.d.	15000
Soluble Zinc (Zn)	mg/kg		50	n.d.	3750
Soluble Chromium (Cr)	mg/kg		5	n.d.	-
Soluble Chromium (III) (Cr (III))	mg/kg		5	n.d.	37.5
Soluble Chromium (VI) (Cr (VI))	mg/kg		0.018	n.d.	0.02

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Test Item(s)	Unit	Method	MDL	Result	Limit
				No.1	
Methyl tin (MeT)	mg/kg	With reference to EN 71 Part 3:2013 + A1:2014. Analysis was performed by GC/MS.	0.2	n.d.	-
Di-n-propyl tin (DProT)	mg/kg		0.14	n.d.	-
Butyl tin (BuT)	mg/kg		0.14	n.d.	-
Dibutyl Tin (DBT)	mg/kg		0.14	n.d.	-
Tributyl Tin (TBT)	mg/kg		0.14	n.d.	-
n-Octyl tin (MOT)	mg/kg		0.14	n.d.	-
Tetrabutyltin (TeBT)	mg/kg		0.14	n.d.	-
Diphenyltin (DphT)	mg/kg		0.14	n.d.	-
Di-n-octyl tin (DOT)	mg/kg		0.14	n.d.	-
Triphenyl Tin (TphT)	mg/kg		0.14	n.d.	-
Soluble Organic Tin	mg/kg		-	n.d.	0.9

Note :

1. mg/kg = ppm ; 0.1wt% = 1000ppm
2. n.d. = Not Detected
3. MDL = Method Detection Limit
4. - = Not Regulated

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* The tested sample / part is marked by an arrow if it's shown on the photo. *

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** End of Report **

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