

# Test Report

No. : CT/2017/C1209

Date : 2018/01/10

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NEW PRISMATIC ENTERPRISE CO., LTD.

\*CT/2017/C1209\*

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 : THERMOCHROMIC SLURRY 31C RED-BPAFREE  
Style/Item No. : TM-SLF-31-3411  
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 : RED LIQUID

Category II					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.	1406
Soluble Antimony (Sb)	mg/kg		1	n.d.	11.3
Soluble Arsenic (As)	mg/kg		0.5	n.d.	0.9
Soluble Barium (Ba)	mg/kg		50	n.d.	375
Soluble Boron (B)	mg/kg		50	n.d.	300
Soluble Cadmium (Cd)	mg/kg		0.1	n.d.	0.3
Soluble Cobalt (Co)	mg/kg		0.5	n.d.	2.6
Soluble Copper (Cu)	mg/kg		50	n.d.	156
Soluble Lead (Pb)	mg/kg		0.5	n.d.	3.4
Soluble Manganese (Mn)	mg/kg		50	n.d.	300
Soluble Mercury (Hg)	mg/kg		0.5	n.d.	1.9
Soluble Nickel (Ni)	mg/kg		10	n.d.	18.8
Soluble Selenium (Se)	mg/kg		5	n.d.	9.4
Soluble Strontium (Sr)	mg/kg		50	n.d.	1125
Soluble Tin (Sn)	mg/kg		4.9	n.d.	3750
Soluble Zinc (Zn)	mg/kg		50	n.d.	938
Soluble Chromium (Cr)	mg/kg		5	n.d.	-
Soluble Chromium (III) (Cr (III))	mg/kg		5	n.d.	9.4
Soluble Chromium (VI) (Cr (VI))	mg/kg		0.005	n.d.	0.005

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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.	0.14	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.	-
<b>Soluble Organic Tin</b>	mg/kg		-	n.d.	0.2

**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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