

**Test Report** Report No.: SFW21101659 Report Issue Date: Jan 29, 2021 Page 1 of 3

New Prismatic Enterprise Co., Ltd.

4F., No. 203-1, 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** Thermochromic MC Pigment 15C Red-bf

Color

Style / Item No. TM-PDF 15-3111 **Material Composition** Organic Pigment

A STATE BELLE Sample Submitted By New Prismatic Enterprise Co., Ltd.

Sample Receiving Date Jan 25, 2021

**Testing Period** Jan 25, 2021 ~ Jan 29, 2021

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

Ray Chang Ph.D. / Manager - Tech

Signed for and on behalf of

**SGS Taiwan Limited** 

Chemical Laboratory-Kaohsiung

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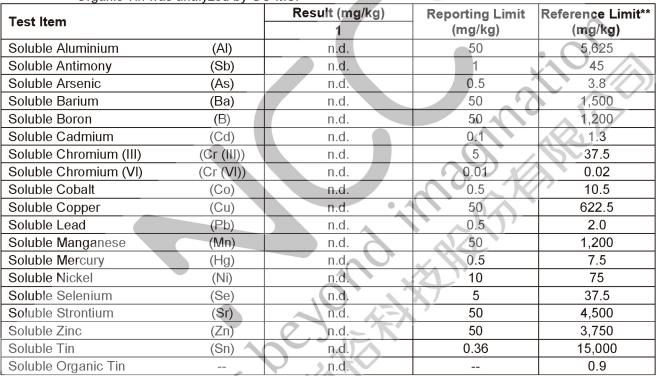
Test Results

## EN71-3: 2019 - Migration of certain elements

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

Method: With reference to EN71-3: 2019. Analysis of general elements was performed by ICP-MS. Chromium (III) was obtained by calculation, Chromium (VI) was analyzed by LC-ICP-MS.

Organic Tin was analyzed by GC-MS.



Test Item(s)		Soluble Organic Tin Result(s) (mg/kg) 1	MDL (mg/kg)
Methyl tin	(MeT)	n.d.	0.135
Dimethyl tin	(DMT)	n.d.	0.135
Di-n-propyl tin	(DProT)	n.d.	0.135
Butyl tin	(BuT)	n.d.	0.135
Dibutyl tin	(DBT)	n.d.	0.135
Tributyl tin	(TBT)	n.d.	0.135
n-Octyl tin	(MOT)	n.d.	0.135
Tetrabutyl tin	(TeBT)	n.d.	0.135
Diphenyl tin	(DPhT)	n.d.	0.135
Di-n-octyl tin	(DOT)	n.d.	0.135
Triphenyl tin	(TPhT)	n.d.	0.135

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## Sample Description:

1. Red Powder

Note: - mg/kg = milligram per kilogram

- n.d. = Not Detected

-1% = 10000 mg/kg = 10000 ppm

- Soluble Chromium (III) = Soluble Total Chromium - Soluble Chromium (VI)

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,

Commission Directive (EU) 2018/725 is for toy material.

## Sample Photo

## SFW21101659



SGS authenticate the photo on original report only

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

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