

**Test Report** No. KE/2020/30456 Report Issue Date : Mar 16, 2020 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 : Invisible Fluorescence Dye#113 Yellow  
Color : Yellow  
Style / Item No. : BL-LO-113  
Material Composition : Organic Pigment  
Sample Submitted By : New Prismatic Enterprise Co., Ltd.  
Sample Receiving Date : Mar 10, 2020  
Testing Period : Mar 10, 2020 ~ Mar 16, 2020

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



Unless otherwise stated the results shown in this test report refer only to the sample(s) tested. This test report cannot be reproduced, except in full, without prior written permission of the Company. 除非另有說明，此報告結果僅對測試之樣品負責。本報告未經本公司書面許可，不可部分複製。  
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at [www.sgs.com/terms\\_and\\_conditions.htm](http://www.sgs.com/terms_and_conditions.htm) and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at [www.sgs.com/en/terms-and-conditions/terms-e-document](http://www.sgs.com/en/terms-and-conditions/terms-e-document). Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

# Test Report

No. KE/2020/30456

Report Issue Date : Mar 16, 2020

Page 2 of 3

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	Result (mg/kg)		Reporting Limit (mg/kg)	Reference Limit** (mg/kg)
	1			
Soluble Aluminium (Al)	n.d.		50	5,625
Soluble Antimony (Sb)	n.d.		1	45
Soluble Arsenic (As)	n.d.		0.5	3.8
Soluble Barium (Ba)	n.d.		50	1,500
Soluble Boron (B)	n.d.		50	1,200
Soluble Cadmium (Cd)	n.d.		0.1	1.3
Soluble Chromium (Cr)	0.0529		0.01	--
Soluble Chromium (III) (Cr (III))	n.d.		5	37.5
Soluble Chromium (VI) (Cr (VI))	n.d.		0.01	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)	n.d.		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)	Soluble Organic Tin Result(s) (mg/kg)		MDL (mg/kg)
	1		
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
Tetra-butyl tin (TeBT)	n.d.		0.135
Diphenyl tin (DPhT)	n.d.		0.135
Di-n-octyl tin (DOT)	n.d.		0.135

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested. This test report cannot be reproduced, except in full, without prior written permission of the Company. 除非另有說明，此報告結果僅對測試之樣品負責。本報告未經本公司書面許可，不可部分複製。

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at [www.sgs.com/terms\\_and\\_conditions.htm](http://www.sgs.com/terms_and_conditions.htm) and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at [www.sgs.com/en/terms-and-conditions/terms-e-document](http://www.sgs.com/en/terms-and-conditions/terms-e-document). Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

## Test Report

No. KE/2020/30456

Report Issue Date : Mar 16, 2020

Page 3 of 3

Test Item(s)	Soluble Organic Tin Result(s) (mg/kg)		MDL (mg/kg)
	1		
Triphenyl tin (TPHT)	n.d.		0.135

### Sample Description :

- Yellow Organic 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, Commission Directive (EU) 2018/725 is for toy material.

### Sample Photo

# KE/2020/30456



SGS authenticate the photo on original report only

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

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested. This test report cannot be reproduced, except in full, without prior written permission of the Company. 除非另有說明，此報告結果僅對測試之樣品負責。本報告未經本公司書面許可，不可部分複製。  
 This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at [www.sgs.com/terms\\_and\\_conditions.htm](http://www.sgs.com/terms_and_conditions.htm) and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at [www.sgs.com/en/terms-and-conditions/terms-e-document](http://www.sgs.com/en/terms-and-conditions/terms-e-document). Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.