

## Test Report

KE/2015/C0984

Date : Dec 14, 2015

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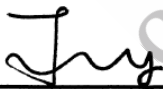
New Prismatic Enterprise Co., Ltd.

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 : Invisible Fluorescence Pigment #211 Blue  
Color : White  
Style / Item No. : BL-LI-211  
Sample Submitted By : New Prismatic Enterprise Co., Ltd.  
Sample Receiving Date : Dec 09, 2015  
Testing Period : Dec 09, 2015 ~ Dec 14, 2015

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



**Jerry Tung / Asst. Manager**  
**Signed for and on behalf of**  
**SGS Taiwan Limited**



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Test Results :

## EN71-3:2013+A1:2014 – Migration of certain elements

### Category III: Scrapped-off toy material

Method : With reference to EN 71-3:2013+A1:2014. Analysis of general elements was performed by ICP-OES. Chromium III & Chromium VI were 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)            |                | 74.6 | 50                      | 70,000                    |
| Soluble Antimony (Sb)             |                | ND   | 10                      | 560                       |
| Soluble Arsenic (As)              |                | ND   | 10                      | 47                        |
| Soluble Barium (Ba)               |                | 109  | 50                      | 18,750                    |
| Soluble Boron (B)                 |                | ND   | 50                      | 15,000                    |
| Soluble Cadmium (Cd)              |                | ND   | 5                       | 17                        |
| Soluble Chromium (III) (Cr (III)) |                | ND   | 5                       | 460                       |
| Soluble Chromium (VI) (Cr (VI))   |                | ND   | 0.18                    | 0.2                       |
| Soluble Cobalt (Co)               |                | ND   | 10                      | 130                       |
| Soluble Copper (Cu)               |                | ND   | 50                      | 7,700                     |
| Soluble Lead (Pb)                 |                | ND   | 10                      | 160                       |
| Soluble Manganese (Mn)            |                | ND   | 50                      | 15,000                    |
| Soluble Mercury (Hg)              |                | ND   | 10                      | 94                        |
| Soluble Nickel (Ni)               |                | ND   | 10                      | 930                       |
| Soluble Selenium (Se)             |                | ND   | 10                      | 460                       |
| Soluble Strontium (Sr)            |                | ND   | 50                      | 56,000                    |
| Soluble Zinc (Zn)                 |                | ND   | 50                      | 46,000                    |
| Soluble Tin (Sn)                  |                | ND   | 4.9                     | 180,000                   |
| Soluble Organic Tin               | --             | ND   | --                      | 12                        |

| Test Item(s)            | Soluble Organic Tin Result(s) (mg/kg) |    | MDL (mg/kg) |
|-------------------------|---------------------------------------|----|-------------|
|                         |                                       | 1  |             |
| Methyl tin (MeT)        |                                       | ND | 0.5         |
| Di-n-propyl tin (DProT) |                                       | ND | 0.5         |
| Butyl tin (BuT)         |                                       | ND | 0.5         |
| Dibutyl tin (DBT)       |                                       | ND | 0.5         |
| Tributyl tin (TBT)      |                                       | ND | 0.5         |
| n-Octyl tin (MOT)       |                                       | ND | 0.5         |
| Tetrabutyl tin (TeBT)   |                                       | ND | 0.5         |
| Diphenyl tin (DPhT)     |                                       | ND | 0.5         |
| Di-n-octyl tin (DOT)    |                                       | ND | 0.5         |
| Triphenyl tin (TPhT)    |                                       | ND | 0.5         |

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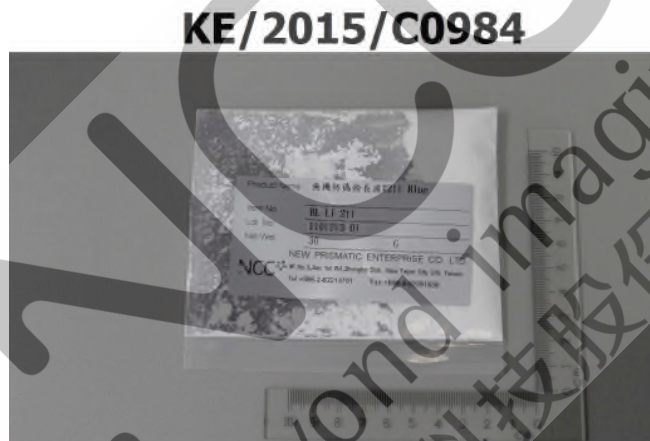
### Sample Description :

1. White Pigment

Note : - mg/kg = milligram per kilogram  
- ND = 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 is for toy material.

### Sample Photo



SGS authenticate the photo on original report only

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