

No.: KE/2012/B0720

Date: 2012/11/12

Page: 1 of 6

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 by/on behalf of the client as:

Sample Description

: FRAGRANCE MC PIGMENT-VANILLA

Color

: WHITE

Sample Receiving Date

: 2012/11/07

**Testing Period** 

: 2012/11/07 TO 2012/11/12

Sample Submitted By

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: NEW PRISMATIC ENTERPRISE CO., LTD.

**Test Requested** 

: As specified by client, with reference to RoHS Directive 2011/65/EU Annex II to determine Cadmium, Lead, Mercury, Cr(VI), PBBs, PBDEs contents in the submitted

sample.

**Test Method** 

: With reference to IEC 62321: 2008.

Test Result(s)

: Please refer to next page(s).

Conclusion

: Based on the performed tests on submitted samples, the test results of Cadmium, Lead, Mercury, Cr(VI), PBBs, PBDEs comply with the limits as set by RoHS Directive

2011/65/EU Annex II; recasting 2002/95/EC.

Ray Chang / Asst. Manage Signed for and on behalf of

**SGS Taiwan Limited** 

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No.: KE/2012/B0720

Date: 2012/11/12

Page: 2 of 6

NEW PRISMATIC ENTERPRISE CO., LTD. NO. 4, ALLEY 27, LANE 195, YUNG FENG RD., TU-CHENG DISTRICT, NEW TAIPEI CITY 236, TAIWAN

### Test Result(s)

PART NAME No.1

: WHITE FRAGRANCE MC PIGMENT

| Test Item(s)               | Unit  | Method  | MDL | Result | Limit            |
|----------------------------|-------|---|-----|--------|------------------|
|                            | Unit  |   |     | No.1   |                  |
| Cadmium (Cd)               | mg/kg | With reference to IEC 62321: 2008 and performed by ICP-AES. | 2   | n.d.   | 100              |
| Lead (Pb)                  | mg/kg | With reference to IEC 62321: 2008 and performed by ICP-AES. | 2   | n.d.   | 1000             |
| Mercury (Hg)               | mg/kg | With reference to IEC 62321: 2008 and performed by ICP-AES. | 2   | n.d.   | 1000             |
| Hexavalent Chromium Cr(VI) | mg/kg | With reference to IEC 62321: 2008 and performed by UV-VIS.  | 2   | n.d.   | 1000             |
| Sum of PBBs                | mg/kg | With reference to IEC 62321: 2008 and performed by GC/MS.   | -   | n.d.   | 1000             |
| Monobromobiphenyl          | mg/kg |   | 5   | n.d.   | -                |
| Dibromobiphenyl            | mg/kg |   | 5   | n.d.   |                  |
| Tribromobiphenyl           | mg/kg |   | 5   | n.d.   | -                |
| Tetrabromobiphenyl         | mg/kg |   | 5   | n.d.   | . 7.             |
| Pentabromobiphenyl         | mg/kg |   | 5   | n.d.   | -                |
| Hexabromobiphenyl          | mg/kg |   | 5   | n.d.   | -                |
| Heptabromobiphenyl         | mg/kg |   | 5   | n.d.   | -                |
| Octabromobiphenyl          | mg/kg |   | 5   | n.d.   |                  |
| Nonabromobiphenyl          | mg/kg |   | 5   | n.d.   |                  |
| Decabromobiphenyl          | mg/kg |   | 5   | n.d.   | -                |
| Sum of PBDEs               | mg/kg |   | ğ   | n.d.   | 1000             |
| Monobromodiphenyl ether    | mg/kg |   | 5   | n,d,   | 1-1              |
| Dibromodiphenyl ether      | mg/kg |   | 5   | n.d.   | -                |
| Tribromodiphenyl ether     | mg/kg |   | 5   | n.d.   | :=)              |
| Tetrabromodiphenyl ether   | mg/kg |   | 5   | n.d.   | . <del></del>    |
| Pentabromodiphenyl ether   | mg/kg |   | 5   | n.d.   | *                |
| Hexabromodiphenyl ether    | mg/kg |   | 5   | n.d.   | 121              |
| Heptabromodiphenyl ether   | mg/kg |   | 5   | n.d.   | ( <del>4</del> ) |
| Octabromodiphenyl ether    | mg/kg |   | 5   | n.d.   | : <b>:</b> :::   |
| Nonabromodiphenyl ether    | mg/kg |   | 5   | n.d.   | .**              |
| Decabromodiphenyl ether    | mg/kg |   | 5   | n.d.   | -                |

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TWA 8 7 9 7 9 7 1



No.: KE/2012/B0720

Date: 2012/11/12

Page: 3 of 6

NEW PRISMATIC ENTERPRISE CO., LTD. NO. 4, ALLEY 27, LANE 195, YUNG FENG RD., TU-CHENG DISTRICT, NEW TAIPEI CITY 236, TAIWAN

#### 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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No.: KE/2012/B0720

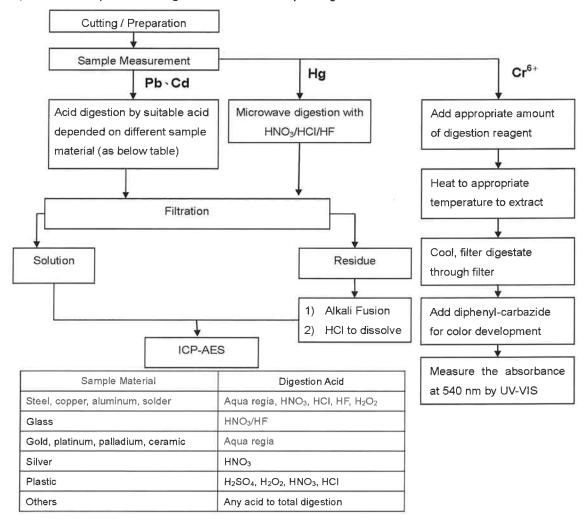
Date: 2012/11/12

Page: 4 of 6

NEW PRISMATIC ENTERPRISE CO., LTD.

NO. 4, ALLEY 27, LANE 195, YUNG FENG RD., TU-CHENG DISTRICT, NEW TAIPEI CITY 236, TAIWAN

- 1) These samples were dissolved totally by pre-conditioning method according to below flow chart. (Cr6+ test method excluded)
- 2) Name of the person who made measurement: Alex Chang
- 3) Name of the person in charge of measurement: Ray Chang



Note\*\* : (1) For non-metallic material, add alkaline digestion reagent and heat to 90~95℃.

(2) For metallic material, add pure water and heat to boiling.

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No.: KE/2012/B0720

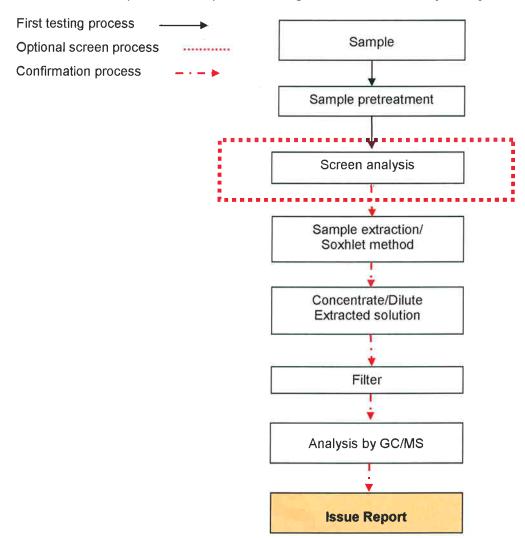
Date: 2012/11/12

Page: 5 of 6

NEW PRISMATIC ENTERPRISE CO., LTD. NO. 4, ALLEY 27, LANE 195, YUNG FENG RD., TU-CHENG DISTRICT, NEW TAIPEI CITY 236, TAIWAN

### PBB/PBDE analytical FLOW CHART

- 1) Name of the person who made measurement: Anson Tsao
- 2) Name of the person in charge of measurement: Ray Chang



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No.: KE/2012/B0720

Date: 2012/11/12

Page: 6 of 6

NEW PRISMATIC ENTERPRISE CO., LTD. NO. 4, ALLEY 27, LANE 195, YUNG FENG RD., TU-CHENG DISTRICT, NEW TAIPEI CITY 236, TAIWAN

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

KE/2012/B0720



End of Report \*\*

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