

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 by/on behalf of the applicant as:

Sample description : Photochromic dye #14 blue.
Style/Item No. : UV-OP 2014.
Material component : Organic pigment.
Color : Blue.
Sample receiving date : 2021/01/25.
Testing period : 2021/01/25 - 2021/01/29.
Sample submitted by : NEW PRISMATIC ENTERPRISE CO., LTD.

Test requested : As specified by client, with reference to RoHS 2011/65/EU Annex II and amending directive (EU) 2015/863 to determine Cadmium, Lead, Mercury, Cr(VI), PBBs, PBDEs, DBP, BBP, DEHP and DIBP contents in the submitted sample(s).

--- Please see the next page for test result(s) ---

Ray Chang
Ray Chang Ph.D. / Manager - Tech
Signed for and on behalf of
SGS Taiwan Limited
Chemical Laboratory-Kaohsiung



NEW PRISMATIC ENTERPRISE CO., LTD.

4F., NO. 203-1, YUNG FENG RD., TU-CHENG DISTRICT, NEW TAIPEI CITY 236, TAIWAN

Component list / List of materials

No. Component description

1 Green powder becomes blue in toluene under the radiation of UV light

Test result(s):

Test item(s)	Method	Unit	RL	Result No.1
Cadmium (Cd) (CAS No.7440-43-9)	With reference to IEC 62321-5:2013. Analysis was performed by ICP-OES.	mg/kg	2	n.d.
Lead (Pb) (CAS No.7439-92-1)	With reference to IEC 62321-5:2013. Analysis was performed by ICP-OES.	mg/kg	2	n.d.
Mercury (Hg) (CAS No.7439-97-6)	With reference to IEC 62321-4:2013+AMD1:2017. Analysis was performed by ICP-OES.	mg/kg	2	n.d.
Hexavalent Chromium Cr(VI) (CAS No.18540-29-9)	With reference to IEC 62321-7-2:2017. Analysis was performed by UV-VIS spectrometry.	mg/kg	8	n.d.
Polybrominated biphenyl (PBBs)				
Monobromobiphenyl	With reference to IEC 62321-6:2015. Analysis was performed by GC/MS.	mg/kg	5	n.d.
Dibromobiphenyl	With reference to IEC 62321-6:2015. Analysis was performed by GC/MS.	mg/kg	5	n.d.
Tribromobiphenyl	With reference to IEC 62321-6:2015. Analysis was performed by GC/MS.	mg/kg	5	n.d.
Tetrabromobiphenyl	With reference to IEC 62321-6:2015. Analysis was performed by GC/MS.	mg/kg	5	n.d.
Pentabromobiphenyl	With reference to IEC 62321-6:2015. Analysis was performed by GC/MS.	mg/kg	5	n.d.
Hexabromobiphenyl	With reference to IEC 62321-6:2015. Analysis was performed by GC/MS.	mg/kg	5	n.d.
Heptabromobiphenyl	With reference to IEC 62321-6:2015. Analysis was performed by GC/MS.	mg/kg	5	n.d.
Octabromobiphenyl	With reference to IEC 62321-6:2015. Analysis was performed by GC/MS.	mg/kg	5	n.d.

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com.tw/Terms-and-Conditions> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com.tw/Terms-and-Conditions>. 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 instruction, 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. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested.

NEW PRISMATIC ENTERPRISE CO., LTD.

4F., NO. 203-1, YUNG FENG RD., TU-CHENG DISTRICT, NEW TAIPEI CITY 236, TAIWAN

Test item(s)	Method	Unit	RL	Result No.1
Nonabromobiphenyl	With reference to IEC 62321-6:2015. Analysis was performed by GC/MS.	mg/kg	5	n.d.
Decabromobiphenyl	With reference to IEC 62321-6:2015. Analysis was performed by GC/MS.	mg/kg	5	n.d.
Sum of PBBs	---	mg/kg	-	n.d.
Polybrominated biphenyl ethers (PBDEs)				
Monobromodiphenyl ether	With reference to IEC 62321-6:2015. Analysis was performed by GC/MS.	mg/kg	5	n.d.
Dibromodiphenyl ether	With reference to IEC 62321-6:2015. Analysis was performed by GC/MS.	mg/kg	5	n.d.
Tribromodiphenyl ether	With reference to IEC 62321-6:2015. Analysis was performed by GC/MS.	mg/kg	5	n.d.
Tetrabromodiphenyl ether	With reference to IEC 62321-6:2015. Analysis was performed by GC/MS.	mg/kg	5	n.d.
Pentabromodiphenyl ether	With reference to IEC 62321-6:2015. Analysis was performed by GC/MS.	mg/kg	5	n.d.
Hexabromodiphenyl ether	With reference to IEC 62321-6:2015. Analysis was performed by GC/MS.	mg/kg	5	n.d.
Heptabromodiphenyl ether	With reference to IEC 62321-6:2015. Analysis was performed by GC/MS.	mg/kg	5	n.d.
Octabromodiphenyl ether	With reference to IEC 62321-6:2015. Analysis was performed by GC/MS.	mg/kg	5	n.d.
Nonabromodiphenyl ether	With reference to IEC 62321-6:2015. Analysis was performed by GC/MS.	mg/kg	5	n.d.
Decabromodiphenyl ether	With reference to IEC 62321-6:2015. Analysis was performed by GC/MS.	mg/kg	5	n.d.
Sum of PBDEs	---	mg/kg	-	n.d.
Phthalates				
Diisobutyl phthalate (DIBP) (CAS No.84-69-5)	With reference to IEC 62321-8:2017. Analysis was performed by GC/MS.	mg/kg	50	n.d.
Dibutyl phthalate (DBP) (CAS No.84-74-2)	With reference to IEC 62321-8:2017. Analysis was performed by GC/MS.	mg/kg	50	n.d.
Butyl benzyl phthalate (BBP) (CAS No.85-68-7)	With reference to IEC 62321-8:2017. Analysis was performed by GC/MS.	mg/kg	50	n.d.

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com.tw/Terms-and-Conditions> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com.tw/Terms-and-Conditions>. 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 instruction, 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. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested.

NEW PRISMATIC ENTERPRISE CO., LTD.

4F., NO. 203-1, YUNG FENG RD., TU-CHENG DISTRICT, NEW TAIPEI CITY 236, TAIWAN

Test item(s)	Method	Unit	RL	Result
				No.1
Di-(2-ethylhexyl) phthalate (DEHP) (CAS No.117-81-7)	With reference to IEC 62321-8:2017. Analysis was performed by GC/MS.	mg/kg	50	n.d.

Note:

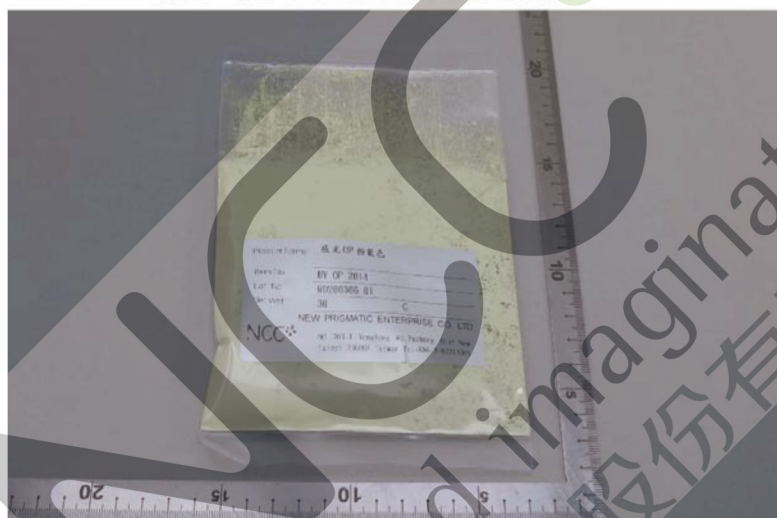
- ppm = mg/kg ; 0.1% = 1000ppm
- RL = Reporting Limit
- n.d. = Not Detected

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com.tw/Terms-and-Conditions> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com.tw/Terms-and-Conditions>. 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 instruction, 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. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested.

NEW PRISMATIC ENTERPRISE CO., LTD.

4F., NO. 203-1, 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. *

SFW21101695

** End of report **

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com.tw/Terms-and-Conditions> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com.tw/Terms-and-Conditions>. 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 instruction, 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. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested.