



Test Report

Report No. A2230066458101003

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Company Name OHARA OPTICAL (H.K.) LIMITED
shown on Report
Address ROOM 1604 , CHINACHEM EXCHANGE SQUARE, 1 HOI WAN STREET,
QUARRYBAY, HK

The following sample(s) and sample information was/were submitted and identified by/on the behalf of the applicant

Sample Name Optical Glass
Material WMS-15
Sample Received Date Feb. 22, 2023
Testing Period Feb. 22, 2023 to Feb. 28, 2023

Test Requested

- As specified by client, to test Arsenic(As), Beryllium(Be), Barium(Ba), Antimony(Sb), Phosphorus(P), Chromium(Cr), Selenium(Se), Red phosphorus in the submitted sample(s).
- As specified by client, to screen Antimony trioxide ($Sb_2 O_3$) in the submitted sample(s).

Test Method/Test Result(s) Please refer to the following page(s).

この報告書は原本の写しに相違ありません。

株式会社 オハラ

環境管理課 小松 陽子



Approved by

Date

Feb. 28, 2023

Hill Zheng
Technical Manager

No. R262622019

Centre Testing International Group Co., Ltd.

CTI Building, Ying Dong Community, Xin'an Sub-district, Bao'an District, Shenzhen City, Guangdong Province, P.R. China

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Test Method

| Tested Item(s) | Test Method | Measured Equipment(s) |
|---|---|--------------------------------|
| Arsenic(As) | Refer to US EPA 3052:1996 & US EPA 6010D:2018 | ICP-OES |
| Beryllium(Be) | Refer to US EPA 3052:1996 & US EPA 6010D:2018 | ICP-OES |
| Barium(Ba) | Refer to US EPA 3052:1996 & US EPA 6010D:2018 | ICP-OES |
| Antimony(Sb) | Refer to US EPA 3052:1996 & US EPA 6010D:2018 | ICP-OES |
| Phosphorus(P) | Refer to US EPA 3052:1996 & US EPA 6010D:2018 | ICP-OES |
| Chromium(Cr) | Refer to US EPA 3052:1996 & US EPA 6010D:2018 | ICP-OES |
| Selenium(Se) | Refer to US EPA 3052:1996 & US EPA 6010D:2018 | ICP-OES |
| Antimony trioxide (Sb ₂ O ₃)*/# | Refer to US EPA 3052:1996 & US EPA 6010D:2018 | ICP-OES |
| Red phosphorus* | Refer to GB/T 6040-2002, GB/T 9722-2006, GB/T 17359-2012, EPA 6010D:2014 | ICP-OES, PY-GC-MS, FTIR, SM |

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Test Result(s)

| Tested Item(s) | Result | MDL |
|----------------|--------|----------|
| | 003 | |
| Arsenic (As) | N.D. | 10 mg/kg |

| Tested Item(s) | Result | MDL |
|----------------|--------|---------|
| | 003 | |
| Beryllium (Be) | N.D. | 2 mg/kg |

| Tested Item(s) | Result | MDL |
|----------------|--------|---------|
| | 003 | |
| Barium (Ba) | N.D. | 2 mg/kg |

| Tested Item(s) | Result | MDL |
|----------------|-----------|---------|
| | 003 | |
| Antimony (Sb) | 865 mg/kg | 5 mg/kg |

| Tested Item(s) | Result | MDL |
|----------------|------------|----------|
| | 003 | |
| Phosphorus (P) | 5955 mg/kg | 20 mg/kg |

| Tested Item(s) | Result | MDL |
|----------------|--------|---------|
| | 003 | |
| Chromium (Cr) | N.D. | 2 mg/kg |

| Tested Item(s) | Result | MDL |
|----------------|--------|---------|
| | 003 | |
| Selenium (Se) | N.D. | 5 mg/kg |

| Tested Item(s) | Result | MDL |
|--|------------|---------|
| | 003 | |
| Antimony trioxide (Sb ₂ O ₃)*/# | 1038 mg/kg | 6 mg/kg |

| Tested Item(s) | Result | MDL |
|-----------------|--------|-----------|
| | 003 | |
| Red phosphorus* | N.D. | 500 mg/kg |

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Sample/Part Description

| No. | CTI Sample ID | Description |
|-----|---------------|-------------------|
| 1 | 003 | Transparent glass |

Remark: The sample(s) had been dissolved totally tested for Arsenic, Beryllium, Barium, Antimony, Phosphorus, Chromium, Selenium.

-MDL = Method Detection Limit

-N.D. = Not Detected (<MDL)

-mg/kg = ppm = parts per million

-# = The test result of the item is converted from the test result of certain element.

Note: -*Indicates the item(s)/method(s) is (are) not in CNAS accreditation scope.

-The testing data and result(s) in this report is(are) just for scientific research, education, internal quality control and product development etc.

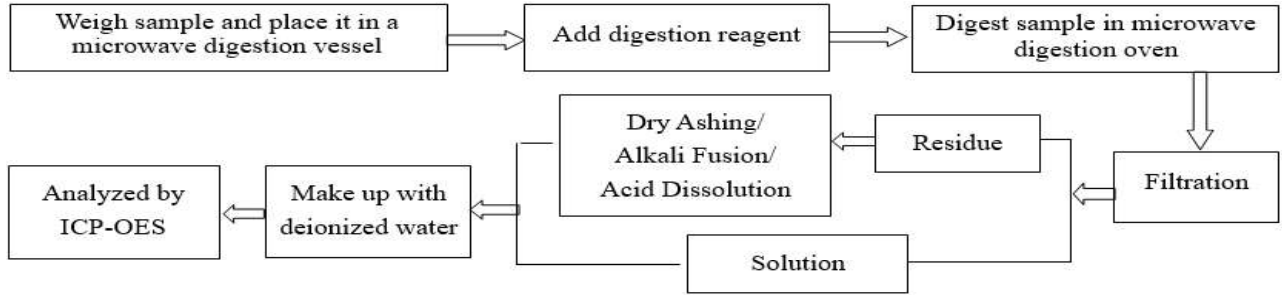
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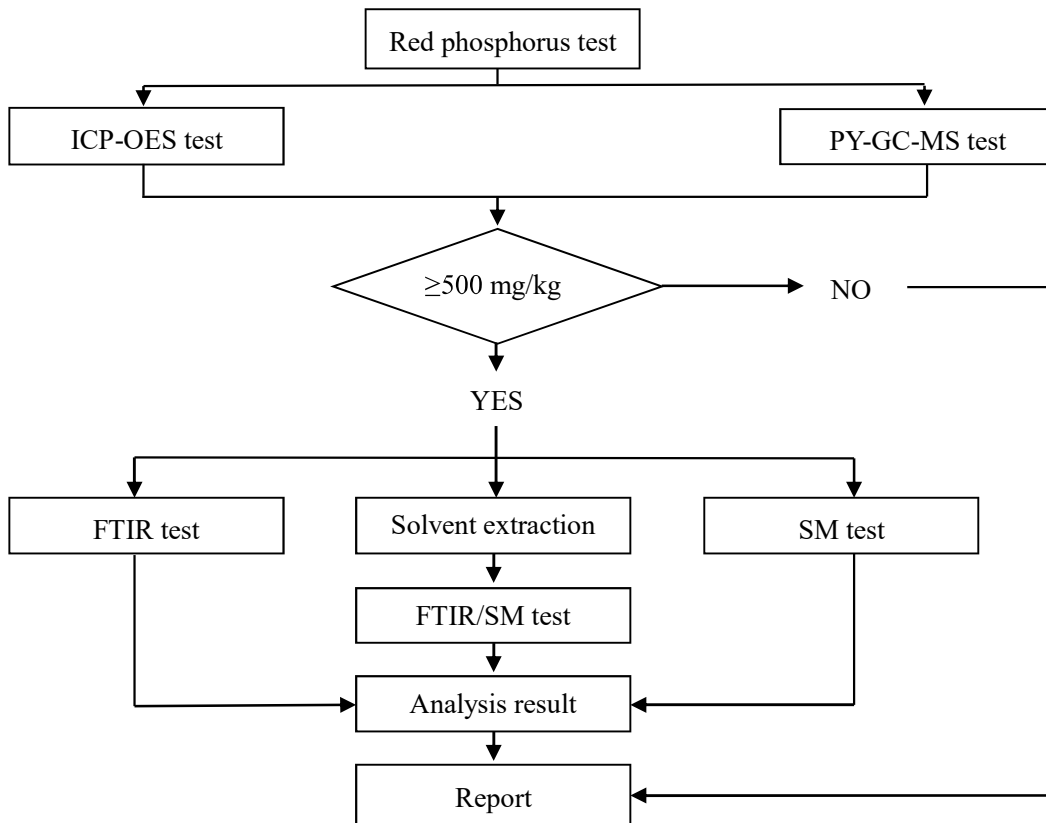
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Test Process

1. Arsenic(As), Beryllium(Be), Barium(Ba), Antimony(Sb), Phosphorus(P), Chromium(Cr), Selenium(Se), Antimony trioxide (Sb₂ O₃)



2. Red phosphorus

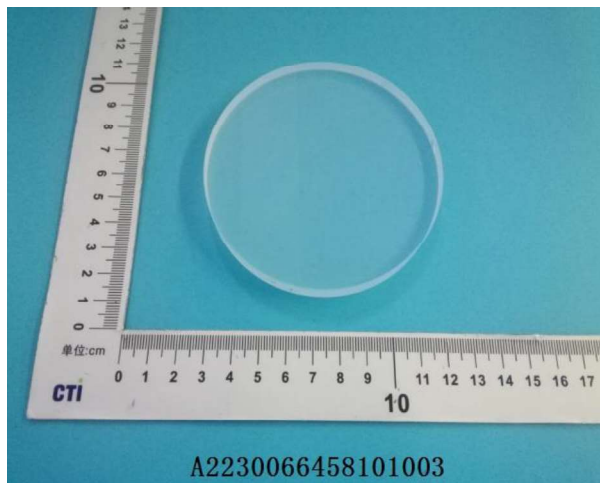


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Photo(s) of the sample(s)



Statement:

1. This report is considered invalid without approved signature, special seal and the seal on the perforation;
2. The Company Name shown on Report and Address, the sample(s) and sample information was/were provided by the applicant who should be responsible for the authenticity which CTI hasn't verified;
3. The result(s) shown in this report refer(s) only to the sample(s) tested;
4. Without written approval of CTI, this report can't be reproduced except in full;
5. In case of any discrepancy between the English version and Chinese version of the testing reports (if generated), the Chinese version shall prevail.

*** End of Report ***