

Test Report

No. TSNEC1300046901

Date: 18 Jan 2013

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PANZHIHUA DINGXING TITANIUM CO.,LTD

YINJIANG INDUSTRIAL PARK PANZHIHUA CITY SICHUAN PROVINCE,CHINA

The following sample(s) was/were submitted and identified on behalf of the clients as : TITANIUM DIOXIDE

SGS Job No. : TP13-000178 - TJ
Model No. : PDA1000
Lot No. : 12110723
Main Substance : TITANIUM DIOXIDE ANATASE
Date of Sample Received : 15 Jan 2013
Testing Period : 15 Jan 2013 - 18 Jan 2013
Test Requested : Selected test(s) as requested by client.
Test Method : Please refer to next page(s).
Test Results : Please refer to next page(s).

Signed for and on behalf of
SGS-CSTC Ltd.



Summer Bai
Approved Signatory

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Test Results :

Test Part Description :

| Specimen No. | SGS Sample ID | Description |
|--------------|------------------|--------------|
| 1 | TSN13-000469.001 | white powder |

Remarks :

- (1) 1 mg/kg = 0.0001%
- (2) MDL = Method Detection Limit
- (3) ND = Not Detected (< MDL)
- (4) "-" = Not Regulated

Cadmium, Lead, Mercury, Hexavalent Chromium, PBBs(Polybrominated biphenyls) and PBDEs(PBDEs) (Polybrominated biphenyl ethers)

Test Method : With reference to IEC 62321:2008

- (1) Determination of Cadmium by ICP-OES.
- (2) Determination of Lead by ICP-OES.
- (3) Determination of Mercury by ICP-OES.
- (4) Determination of Hexavalent Chromium by Colorimetric Method using UV-Vis.
- (5) Determination of PBBs / PBDEs content by GC-MS.

| Test Item(s) | Unit | MDL | 001 |
|------------------------------|-------|-----|-----|
| Cadmium (Cd) | mg/kg | 2 | ND |
| Lead (Pb) | mg/kg | 2 | ND |
| Mercury (Hg) | mg/kg | 2 | ND |
| Hexavalent Chromium (Cr(VI)) | mg/kg | 2 | ND |
| Sum of PBBs | mg/kg | - | ND |
| Monobromobiphenyl | mg/kg | 5 | ND |
| Dibromobiphenyl | mg/kg | 5 | ND |
| Tribromobiphenyl | mg/kg | 5 | ND |
| Tetrabromobiphenyl | mg/kg | 5 | ND |
| Pentabromobiphenyl | mg/kg | 5 | ND |
| Hexabromobiphenyl | mg/kg | 5 | ND |
| Heptabromobiphenyl | mg/kg | 5 | ND |
| Octabromobiphenyl | mg/kg | 5 | ND |
| Nonabromobiphenyl | mg/kg | 5 | ND |
| Decabromobiphenyl | mg/kg | 5 | ND |
| Sum of PBDEs | mg/kg | - | ND |
| Monobromodiphenyl ether | mg/kg | 5 | ND |

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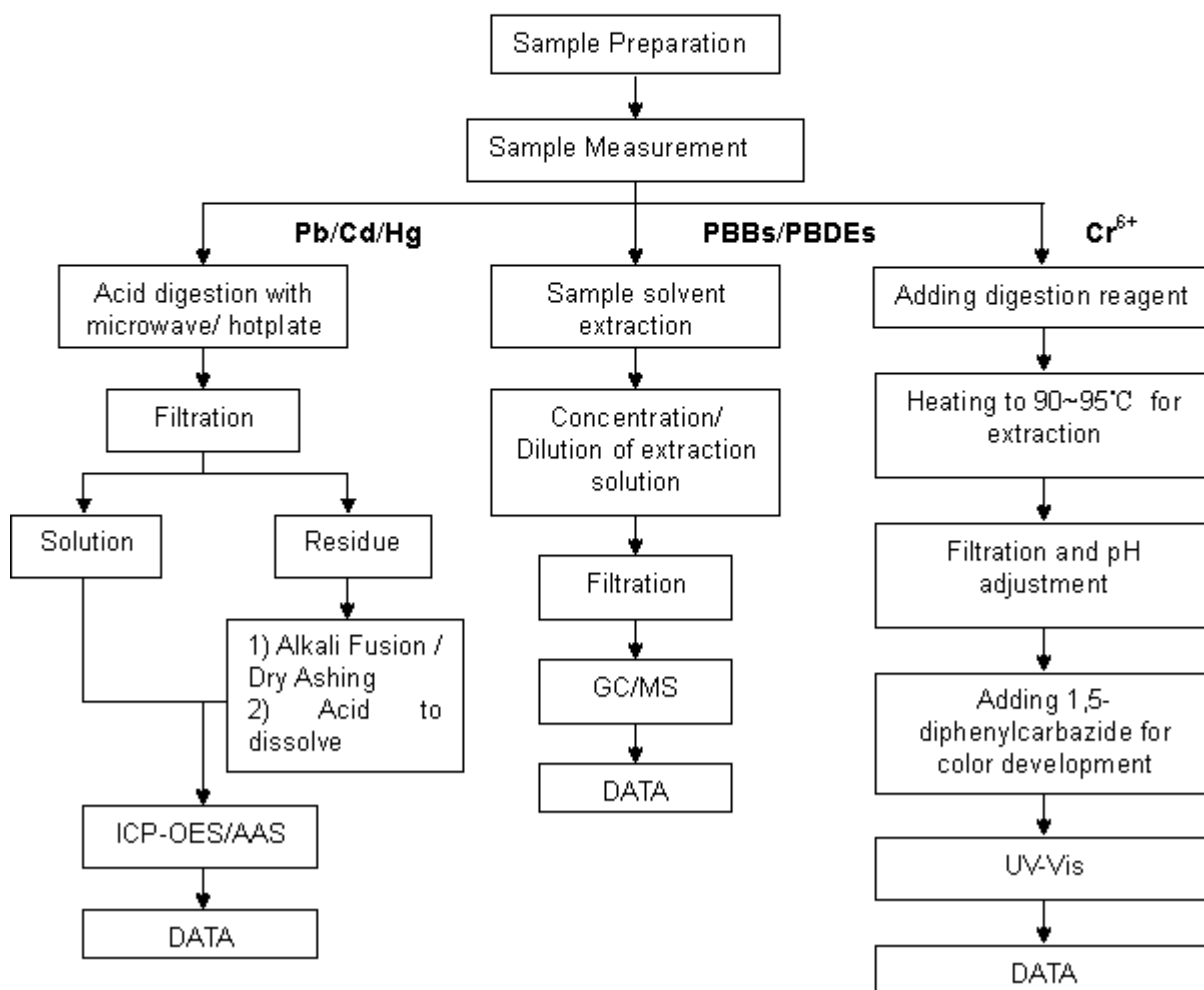
| <u>Test Item(s)</u> | <u>Unit</u> | <u>MDL</u> | <u>001</u> |
|--------------------------|-------------|------------|------------|
| Dibromodiphenyl ether | mg/kg | 5 | ND |
| Tribromodiphenyl ether | mg/kg | 5 | ND |
| Tetrabromodiphenyl ether | mg/kg | 5 | ND |
| Pentabromodiphenyl ether | mg/kg | 5 | ND |
| Hexabromodiphenyl ether | mg/kg | 5 | ND |
| Heptabromodiphenyl ether | mg/kg | 5 | ND |
| Octabromodiphenyl ether | mg/kg | 5 | ND |
| Nonabromodiphenyl ether | mg/kg | 5 | ND |
| Decabromodiphenyl ether | mg/kg | 5 | ND |

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ATTACHMENTS

Cd/Pb/Hg/Cr⁶⁺/PBBs&PBDEs Flow Chart

- 1) Name of the person who made testing: Aaron Wang/Jason Li /Angell Yao
- 2) Name of the person in charge of testing: Cindy Yin/Rex Zhu
- 3) These samples were dissolved totally by pre-conditioning method according to below flow chart. (Cr⁶⁺ and PBBs/PBDEs test method excluded)



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Sample photo:



SGS authenticate the photo on original report only

*** End of Report ***

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