

Test Report

Report No. : AGC03709200901-001

SAMPLE NAME: smartwatch

MODEL NAME: R3 Pro, R1,R2,R3,R5,R6

APPLICANT: Shenzhen Xinhuajitong Technology Co., Ltd.

STANDARD(S) : Please refer to follow page(s).

DATE OF

: Sep.24, 2020

Attestation of Global Compliance (Shenzhen) Std & Tech Co., Ltd.



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Applicant : Shenzhen Xinhuajitong Technology Co., Ltd.

802, Building 3, No. 7 Industrial Zone, Yulu Community, Yutang Street,

Address : Guangming District, Shenzhen

Test Site

6/F., Building 2, Sanwei Chaxi Industrial Park, Sanwei Community,
Hangcheng Street, Bao'an District, Shenzhen, Guangdong, China

Report on the submitted sample(s) said to be:

Sample Name : smartwatch

Model : R3 Pro, R1,R2,R3,R5,R6

Manufacturer : Shenzhen Xinhuajitong Technology Co., Ltd.

Address 802, Building 3, No. 7 Industrial Zone, Yulu Community, Yutang Street,

Guangming District, Shenzhen

Sample Received Date : Sep.07, 2020

Testing Period : Sep.07, 2020 to Sep.21, 2020

Test Requested: Conclusion

As specified by client, to determine the Pb, Cd, Hg, Cr⁶⁺, PBBs, PBDEs, DBP, BBP, DEHP, DIBP content in the submitted sample in accordance with Directive 2011/65/EU (RoHS) and its amendment directive (EU) 2015/863 on XRF and

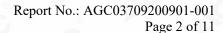
Pass

Chemical Method.

Approved by: Jessie Lian

Liangdan, Jessie.Liang

Technical Director





| No. | Sample Description | | | | | |
|------------------------|----------------------|---------------------------------------|--|--|--|--|
| 1. | | Touch-screen glass | | | | |
| 2. | | FPC | | | | |
| 3. | Display total screen | Light guide plate | | | | |
| 4. | | White plastic box | | | | |
| 5 | | Reflector panel | | | | |
| 6. | | Black with blue coating plastic shell | | | | |
| 7. | | Silver film | | | | |
| 8. | Outer shell | Silver metal contact | | | | |
| 9. | | Copper thimble | | | | |
| 10. | 0 | Silver magnet | | | | |
| 11. | -6 | Blue metal button | | | | |
| 12. | Key | Metal spring | | | | |
| 13. | Black screw | Wiedli Spring | | | | |
| 13. 14. | Didek selew | Metal shell | | | | |
| 15. | Motor | Red wire jacket | | | | |
| 16. | - Wiotol | Blue wire jacket | | | | |
| 17. | | Touch switch | | | | |
| 18. | Switch board | Black FPC | | | | |
| 10. 19. | | Chip core | | | | |
| 19. 20. | Chip | FPC | | | | |
| | | | | | | |
| 21. | | Copper contact piece | | | | |
| 22. | | Chip IC | | | | |
| 23. | Circuit board | Black plastic button | | | | |
| 24. | 0 | PCB board | | | | |
| 25. | 69 -6 | Tin solder | | | | |
| 26. | × 0 - 0 | Brown tape | | | | |
| 27. | | PCB board | | | | |
| 28. | Battery | Tin solder | | | | |
| 29. | | Red wire jacket | | | | |
| 30. | 60 6 | Black wire jacket | | | | |
| 31. | | Metal top head | | | | |
| 32. | Trunnion | Metal spring | | | | |
| 33. | Trummon | Silver metal tube | | | | |
| 34. | -C | Silver metal bayonet lock | | | | |
| 35. | | Silver metal frame | | | | |
| 36. | Watchband | Silver metal buckle | | | | |
| 37. | 0 | Blue strap | | | | |
| USB | line | | | | | |
| 38. | | USB metal plug | | | | |
| 39. | | White plastic plug | | | | |
| 40. | USB plug | Tin solder | | | | |
| 41. | | Beige inner glue | | | | |
| 1 2. | 0 | Black handle | | | | |
| 43. | | Black plastic shell | | | | |
| 14. | | Silver magnet | | | | |
| 1 5. | Charging head | Metal thimble | | | | |
| 1 6. | | Tin solder | | | | |
| 1 7. | 0 | Black outer wire jacket | | | | |
| 1 7. 18. | Wire rod | Black wire jacket | | | | |



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| 49. | Red wire jacket |
|-----|-----------------|
| 50. | Copper buckle |

Test Result:

(Test Method/ Instrument/ MDL and Limit: See Appendix)

| NI - | Test result (mg/kg) | | | | | | | | | | C |
|---------------|---------------------|------|------|------------------|-------|--------------|-------|-------|-------|-------|------------|
| No. | Pb | Cd | Hg | Cr ⁶⁺ | PBBs | PBDEs | DIBP | DBP | BBP | DEHP | Conclusion |
| 1 | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D.* | N.D.* | N.D.* | N.D.* | Conformity |
| 2 | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D.* | N.D.* | N.D.* | N.D.* | Conformity |
| 3 | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D.* | N.D.* | N.D.* | N.D.* | Conformity |
| 4 | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D.* | N.D.* | N.D.* | N.D.* | Conformity |
| 5 | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D.* | N.D.* | N.D.* | N.D.* | Conformity |
| 6 | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D.* | N.D.* | N.D.* | N.D.* | Conformity |
| 7 | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D.* | N.D.* | N.D.* | N.D.* | Conformity |
| 8 | N.D. | N.D. | N.D. | N.D.* | N/A | N/A | N/A | N/A | N/A | N/A | Conformity |
| 9 | 34122* | N.D. | N.D. | N.D.* | N/A | N/A | N/A | N/A | N/A | N/A | Conformity |
| 10 | N.D. | N.D. | N.D. | N.D. | N/A | N/A | N/A | N/A | N/A | N/A | Conformity |
| 11 | N.D. | N.D. | N.D. | N.D. | N/A | N/A | N/A | N/A | N/A | N/A | Conformity |
| 12 $^{\circ}$ | 519 | N.D. | N.D. | N.D.* | N/A | N/A | N/A | N/A | N/A | N/A | Conformity |
| 13 | N.D. | N.D. | N.D. | N.D. | N/A | N/A | N/A | N/A | N/A | N/A | Conformity |
| 14 | N.D. | N.D. | N.D. | N.D. | N/A | N/A | N/A | N/A | N/A | N/A | Conformity |
| 15 | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D.* | N.D.* | N.D.* | N.D.* | Conformity |
| 16 | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D.* | N.D.* | N.D.* | N.D.* | Conformity |
| 17 | N.D. | N.D. | N.D. | N.D.* | N.D. | N.D. | N.D.* | N.D.* | N.D.* | N.D.* | Conformity |
| 18 | N.D. | N.D. | N.D. | N.D.* | N.D. | N.D. | N.D.* | N.D.* | N.D.* | N.D.* | Conformity |
| 19 | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D.* | N.D.* | N.D.* | N.D.* | Conformity |
| 20 | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D.* | N.D.* | N.D.* | N.D.* | Conformity |
| 21 | N.D. | N.D. | N.D. | N.D.* | N/A | N/A | N/A | N/A | N/A | N/A | Conformity |
| 22 | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D.* | N.D.* | N.D.* | N.D.* | Conformity |
| 23 | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D.* | N.D.* | N.D.* | N.D.* | Conformity |
| 24 | N.D. | N.D. | N.D. | N.D. | N.D.* | N.D.* | N.D.* | N.D.* | N.D.* | N.D.* | Conformity |
| 25 | N.D. | N.D. | N.D. | 575 | N/A | N/A | N/A | N/A | N/A | N/A | Conformity |
| 26 | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D.* | N.D.* | N.D.* | N.D.* | Conformity |
| 27 | N.D. | N.D. | N.D. | N.D. | N.D.* | N.D.* | N.D.* | N.D.* | N.D.* | N.D.* | Conformity |
| 28 | N.D. | N.D. | N.D. | N.D. | N/A | N/A | N/A | N/A | N/A | N/A | Conformity |
| 29 | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D.* | N.D.* | N.D.* | N.D.* | Conformity |
| 30 | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D.* | N.D.* | N.D.* | N.D.* | Conformity |
| 31 | 309 | N.D. | N.D. | N.D.* | N/A | N/A | N/A | N/A | N/A | ⊚N/A | Conformity |
| 32 | N.D. | N.D. | N.D. | N.D.* | N/A | N/A | N/A | N/A | N/A | N/A | Conformity |
| 33 | 316 | N.D. | N.D. | N.D.* | N/A | N/A | N/A | N/A | N/A | N/A | Conformity |
| 34 | 393 | N.D. | N.D. | N.D.* | N/A | N/A | N/A | N/A | N/A | N/A | Conformity |
| 35 | N.D. | N.D. | N.D. | N.D.* | N/A | N/A | N/A | N/A | N/A | N/A | Conformity |
| 36 | N.D. | N.D. | N.D. | N.D.* | N/A | N/A | N/A | N/A | N/A | N/A | Conformity |
| 37 | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D.* | N.D.* | N.D.* | N.D.* | Conformity |
| 38 | N.D. | N.D. | N.D. | 457 | N/A | N/A | N/A | N/A | N/A | N/A | Conformity |
| 39 | N.D. | N.D. | N.D. | N.D. | N.D.* | N.D.* | N.D.* | N.D.* | N.D.* | N.D.* | Conformity |
| 40 | N.D. | N.D. | N.D. | N.D. | N/A | N/A | N/A | N/A | N/A | N/A | Conformity |
| 41 | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D.* | N.D.* | N.D.* | N.D.* | Conformity |
| 42 | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D.* | N.D.* | N.D.* | N.D.* | Conformity |



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| No. | Test result (mg/kg) | | | | | | | | | C 1 3 | |
|-----|---------------------|------|------|------------------|------|-------|-------|-------|-------|-------|------------|
| | Pb | Cd | Hg | Cr ⁶⁺ | PBBs | PBDEs | DIBP | DBP | BBP | DEHP | Conclusion |
| 43 | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D.* | N.D.* | N.D.* | N.D.* | Conformity |
| 44 | N.D. | N.D. | N.D. | N.D. | N/A | N/A | N/A | N/A | N/A | N/A | Conformity |
| 45 | 30934* | N.D. | N.D. | N.D. | N/A | N/A | N/A | N/A | N/A | N/A | Conformity |
| 46 | N.D. | N.D. | N.D. | N.D. | N/A | N/A | N/A | N/A | N/A | N/A | Conformity |
| 47 | N.D. | N.D. | N.D. | 216 | N.D. | N.D. | N.D.* | 186* | N.D.* | N.D.* | Conformity |
| 48 | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D.* | N.D.* | N.D.* | N.D.* | Conformity |
| 49 | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D.* | N.D.* | N.D.* | N.D.* | Conformity |
| 50 | N.D. | N.D. | N.D. | N.D. | N/A | N/A | N/A | N/A | N/A | N/A | Conformity |

Note:

mg/kg = milligram per kilogram $\mu g/cm^2 = microgram per square centimeter$

MDL = Method Detection Limit N.D.=Not Detected (less than method detection limit)

Exemption

| No. | Exemption clause | Content |
|---------|-------------------------|--|
| 9 45 | 6(c) | Copper alloy containing up to 4 % lead by weight |



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/Inspection
The test results

he test report.

Remark:

- *denotes as reported result(s) was (were) performed by wet chemistry method. Others were screened by XRF. For XRF screening, the result(s) of Cr VI was (were) reported as total chromium and the result(s) of PBBs and PBDEs was (were) reported as total bromine. Also, the XRF result(s) may be different to the actual content based on various factors including, but not limit to, sample size, thickness, area, nonuniformity composition, surface flatness.
- This XRF Scanning report is for reference purposes only. The applicant shall make its/his/her own judgment as to whether the information provided in this XRF screening report is sufficient for its/his/her purposes.

The result shown in this XRF scanning report will differ based on various factors, including but not limited to, the sample size, thickness, area, surface flatness, equipment parameters and matrix effect (e.g. plastic, rubber, metal, glass, ceramic etc.). Further wet chemical pre-treatment with relevant chemical equipment analysis are required to obtain quantitative data.

- Boiling-water-extraction:

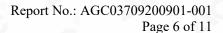
| Number | Colorimetric result (Cr(VI) concentration) | Qualitative result |
|--------|---|--|
| | The sample solution is <the 0,10="" cm<sup="" μg="">2 equivalent comparison standard solution</the> | The sample is negative for Cr(VI) –The Cr(VI) concentration is below the limit of quantification. The coating is considered a non-Cr(VI) based coating. |
| 2 | The sample solution is \geq the 0,10 µg/cm ² and \leq the 0,13 µg/cm ² equivalent comparison standard solutions | The result is considered to be inconclusive – Unavoidable coating variations may influence the determination. |
| 3 | The sample solution is > the 0,13 µg/cm ² equivalent comparison standard solution | The sample is positive for Cr(VI) – The Cr(VI) concentration is above the limit of quantification and the statistical margin of error. The sample coating is considered to contain Cr(VI). |

- Negative indicates the absence of Cr(VI) on the tested areas concentration is below the limit of quantification.

The coating is considered a non-Cr(VI) based coating.

Uncertainty indicates the absence of Cr(VI) on the tested areas unavoidable coating variations may influence the determination.

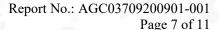
Positive indicates the presence of Cr(VI) on the tested areas concentration is above the limit of quantification and the statistical margin of error. The sample coating is considered to contain Cr(VI). Storage conditions and production date of the tested sample are unavailable and thus result of Cr(VI) represent status of the sample at the time of testing.





Appendix:

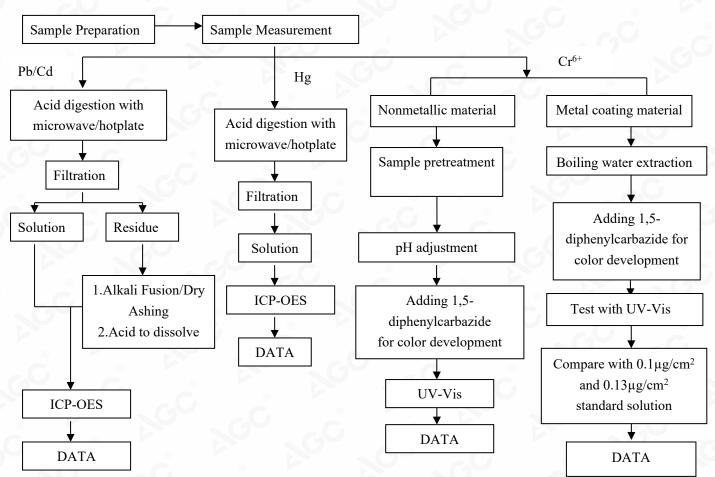
| Test Item | Test Method/ Instrument | MDL | Maximum Limit |
|--|---------------------------------------|------------------|------------------|
| X-ray Fluorescence Spectrometry(XRF) | 20 20 | 3 | |
| Lead (Pb) | · · | 200mg/kg | 1000mg/kg |
| Cadmium (Cd) | | 50mg/kg | 100mg/kg |
| Mercury (Hg) | IEC 62321-3-1:2013 / XRF | 200mg/kg | 1000mg/kg |
| Total Chromium | | 200mg/kg | / |
| Total Bromine | 8 | 200mg/kg | |
| Wet Chemistry Method | | | |
| Lead (Pb) | IEC 62321-5:2013/ ICP-OES | 10mg/kg | 1000mg/kg |
| Cadmium (Cd) | IEC 62321-5:2013/ ICP-OES | 10mg/kg | 100mg/kg |
| Mercury (Hg) | IEC 62321-4: 2013+A1:2017/ ICP-OES | 10mg/kg | 1000mg/kg |
| Non-metal Hexavalent Chromium (Cr ⁶⁺) | IEC 62321-7-2:2017/ UV-Vis | 8mg/kg | 1000mg/kg |
| Metal Hexavalent Chromium (Cr ⁶⁺) | IEC 62321-7-1:2015/ UV-Vis | $0.1 \mu g/cm^2$ | |
| Polybrominated Biphenyls (PBBs) -Monobromobiphenyl (MonoBB) -Dibromobiphenyl (DiBB) -Tribromobiphenyl (TriBB) -Tetrabromobiphenyl (TetraBB) -Pentabromobiphenyl (PentaBB) -Hexabromobiphenyl (HexaBB) -Heptabromobiphenyl (HeptaBB) -Octabromobiphenyl (OctaBB) -Nonabromodiphenyl (NonaBB) -Decabromodiphenyl (DecaBB) | IEC 62321-6:2015/ GC-MS | Single 5mg/kg | Sum 1000mg/kg |
| PolybrominatedDiphenylethers (PBDEs) -Monobromodiphenyl ether (MonoBDE) -Dibromodiphenyl ether (DiBDE) -Tribromodiphenyl ether (TriBDE) -Tetrabromodiphenyl ether (TetraBDE) -Pentabromodiphenyl ether (PentaBDE) -Hexabromodiphenyl ether (HexaBDE) -Heptabromodiphenyl ether (HeptaBDE) -Octabromodiphenyl ether (OctaBDE) -Nonabromodiphenyl ether (NonaBDE) -Decabromodiphenyl ether (DecaBDE) | IEC 62321-6:2015/ GC-MS | Single 5mg/kg | Sum 1000mg/kg |
| Di-iso-butyl phthalate (DIBP) | | 50mg/kg | 1000mg/kg |
| Dibutyl phthalate (DBP) | | 50mg/kg | 1000mg/kg |
| Butylbenzyl phthalate (BBP) | IEC 62321-8:2017/ GC-MS | 50mg/kg | 1000mg/kg |
| Di-(2-ethylhexyl) Phthalate (DEHP) | 10° 20 | 50mg/kg | 1000mg/kg |





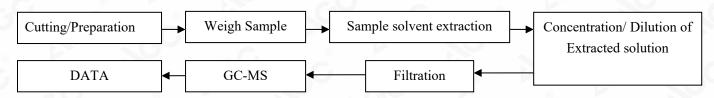
Test Flow Chart

1.For Pb, Cd, Hg, Cr6+

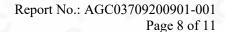


These sample were dissolved totally by pre-conditioning method according to above flow chart (Cr⁶⁺ test method excluded)

2.For PBBs, PBDEs, DBP, BBP, DEHP, DIBP

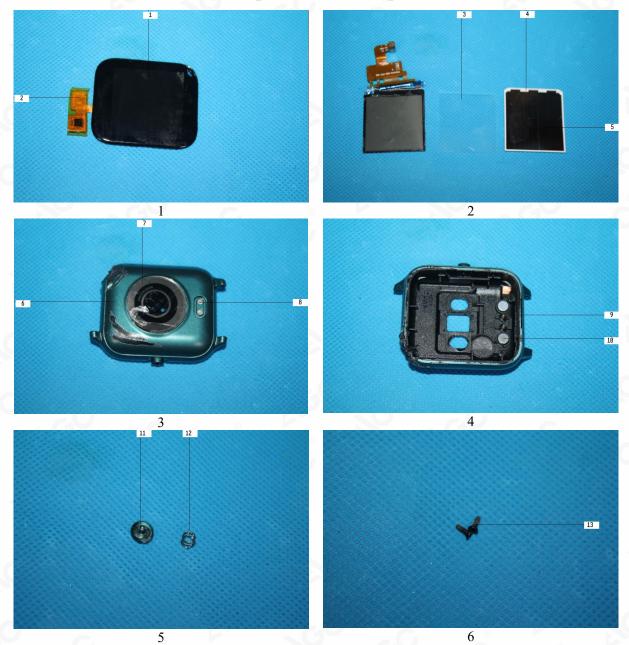


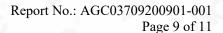
Test result on specimen No.42 were resubmitted on Sep.17, 2020.





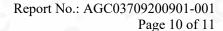
The photo of the sample



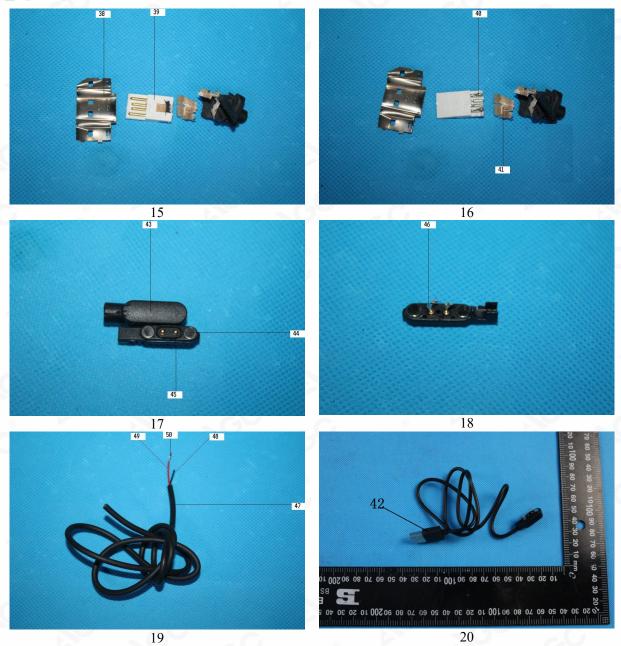


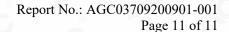
















AGC03709200901-001

AGC authenticate the photo only on original report

*** End of Report ***



Conditions of Issuance of Test Reports

- 1. All samples and goods are accepted by the Attestation of Global Compliance (Shenzhen) Std & Tech Co., Ltd. (the "Company") solely for testing and reporting in accordance with the following terms and conditions. The company provides its services on the basis that such terms and conditions constitute express agreement between the company and any person, firm or company requesting its services (the "Clients").
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- 3. The Company shall not be called or be liable to be called to give evidence or testimony on the Report in a court of law without its prior written consent, unless required by the relevant governmental authorities, laws or court orders.
- 4. The non-CMA report issued by AGC is only permitted to be used by the client as internal reference use and shall not be used for public demonstration purpose.
- 5. In the event of the improper use of the report as determined by the Company, the Company reserves the right to withdraw it, and to adopt any other additional remedies which may be appropriate.
- 6. Samples submitted for testing are accepted on the understanding that the Report issued cannot form the basis of, or be the instrument for, any legal action against the Company.
- 7. The Company will not be liable for or accept responsibility for any loss or damage however arising from the use of information contained in any of its Reports or in any communication whatsoever about its said tests or investigations.
- 8. Clients wishing to use the Report in court proceedings or arbitration shall inform the Company to that effect prior to submitting the sample for testing.
- 9. The Company is not responsible for recalling the electronic version of the original report when any revision is made to them. The Client assumes the responsibility to providing the revised version to any interested party who uses them.
- 10. Subject to the variable length of retention time for test data and report stored hereinto as otherwise specifically required by individual accreditation authorities, the Company will only keep the supporting test data and information of the test report for a period of six years. The data and information will be disposed of after the aforementioned retention period has elapsed. Under no circumstances shall we provide any data and information which has been disposed of after retention period. Under no circumstances shall we be liable for damage of any kind, including (but not limited to) compensatory damages, lost profits, lost data, or any form of special, incidental, indirect, consequential or punitive damages of any kind, whether based on breach of contract of warranty, tort (including negligence), product liability or otherwise, even if we are informed in advance of the possibility of such damages.