**{testName} test REPORT**

**Submitted to**

**{companyName}**

**{%companyLogo}**

**{companyAddress}**

**Original Issue Date: 5th Mar. 2024**

|  |  |  |
| --- | --- | --- |
| Prepared By,  Rohit  Lab Manager | Reviewed By  Suresh Kumar Patri  Dy. Q. M. | Authorized Signature,  Anil Kumar Ammina  Q. M. |

**Disclaimer:** In making any use of this test report you are expressly agreeing to the disclaimers and notices below: BE Analytic Testing procedures were performed to the best of our ability. All data and test results presented in your report document the equipment's characteristics which were analyzed and/or calculated at that specific point in time. All test data and results presented are pertaining only to the DUT/SAMPLE, which was received for the test with identity mentioned in the below report. This particular test does not require any statement of conformity or opinion/interpretation.

**NOTE: This report shall not be reproduced except in full without approval of the laboratory can provide assurance that parts of a report are not taken out of context.**

|  |  |  |
| --- | --- | --- |
| **Sample Received Date: {itemReceivedDate}** | | **Test Start Date:** 02nd Mar. 2024  **Test End Date:** 03rd Mar. 2024 |
| 1. | Service Request Number | {jcNumber} – {srfNumber} |
| 2. | Test Requester Name | Contact No.: {customerNumber}  Email: {customerEmail} |
| 3. | Test Requested by | \_\_\_\_\_{customerName}\_\_\_\_\_\_ |
| 4. | Test Carried out at | BE Analytic Solutions LLP,  B131/A, Devasandra Industrial Estate, Whitefield Rd, Mahadevapura, Bangalore -560048, Karnataka, INDIA |
| 5. | Lab Environmental Condition | Temperature: 26°C, Humidity: 50% RH,  Atmospheric Pressure: 90.81kPa |
| 6. | Total No. Of Samples | 02 Numbers |
| 7. | Description of EUT | |
|  | a) Nomenclature | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_. |
|  | b) Manufactured by | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_. |
|  | c) Part Number | FG00000096-00 |
|  | d) Model | \_\_\_\_\_\_\_\_\_. |
|  | e) Serial Number Series | 1223-0049 & 1223-0050 |
|  | f) Condition of samples on receipt | {sampleCondition} |
|  | g) Applicable Test Method /Standard | MIL-STD-810H, Method: 501.7 |
|  | h) Test Category/Group | {testCategory} |

**It is certified that the following tests were carried out in our test facility in following chamber/ Machine:**

|  |
| --- |
| **THERMAL CYCLING CHAMBER**  **Make:** Comet  **SL No:** 475 (BEA/TCC/01)  **Workspace**: 1000X1000X1000mm  **Ramp Rate:** 10 Deg C per Min  **Calibration done on: 08.06.2023**  **Calibration Due on: 07.06.2024** |

**Table: EUT numbers and respective details for tests conducted:**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **SL No.** | **EUT No.** | **Test** | **Chamber/Make/**  **Equipment SL no.** | **Test Profile** | **Observation** |
| {#eutRows}  {slNo}{/eutRows} | {#eutRows}  {serialNo}{/eutRows} | {#testRows}{test}{/testRows} | Thermal Cycling /Comet Environs/475  (BEA/TCC/01) | Temperature: -40⁰C with soaking for 1hour in power OFF condition and power ON condition in last 15 mins  No of Cycles: 3  {#testRows}{testProfile}{/testRows} | No Physical Damages Observed. |

**Note: All samples tested as per customer test profile and samples handed over to the representative of customer.**

**Reports and Photos are in Appendix A**

**APPENDIX A**

**{TESTNAME} TEST PHOTOS**

{#testImages}

Image {imageNumber}: {%image}

Caption: {caption}

{/testImages}

**TEST REPORT**

|  |
| --- |
| TEST DESCRIPTION |

|  |  |  |  |
| --- | --- | --- | --- |
| PROJECT |  | TEST TYPE | Low temperature Storage test |
| TEST START DATE | 02-03-2024 | TEST END DATE | 03-03-2024 |
| TEST START TIME | 06:40 PM | TEST END TIME | 12:50 AM |
| TEST SEVERITY | Temperature: -40⁰C with soaking for 1hour in power OFF condition and power ON condition in last 15 minsNo of Cycles: 3 | | |

|  |
| --- |
| UNITS UNDER TEST |

|  |  |  |  |
| --- | --- | --- | --- |
| **SL. No.** | **Description** | **QUANTITY** | **serial NUMBER** |
| 1 |  | 02 | 1223-0049 & 1223-0050 |

**GRAPHICAL REPRESENTATION OF TEST**

**{#graphImages}**

Graph {graphNumber}: {%image}

Caption: {caption}

**{/graphImages}**

**NOTE: In the above graph X-axis indicates Time (Hour) and Y-axis indicates Temperature (°C).**

**--------------------------------------------------------------------- End of the Report --------------------------------------------------**