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Laboratory Report

Multilevel BOOKMARKS are included to facilitate navigation within this document. If the bookmarks are not visible (left side) click the "Bookmarks" tab or F6 key (Adobe Acrobat).

SAMPLER DATA:

Sampler ID: 130384
Test Start (dmy): 30.12.2019
Test End (dmy): 16.01.2020
Test Length (days): 17



Technology Care LLC based in Zurich, Switzerland, is a leading provider of environmental audits and precision cleaning in data centers. For over 25 years, many of the world's largest corporations have relied on our products and services to ensure that their critical environments consistently meet required standards. Our laboratory located in Zurich, Switzerland uses the latest, most innovative technologies to provide analysis of the highest quality. Many of our technologies have been developed in-house and as a result we have been awarded various patents and trademarks. Technology Care LLC is a member of the Swiss Contamination Control Society: SRRT-SwissCCS

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Zinc/Tin Whisker Report

SAMPLER DATA:

Kit ID: 130384

SCOPE:

This kit is designed to quantify zinc and tin whiskers on equipment and infrastructure surfaces. Test results offer valuable information related to the extent of damage and can be used for cleaning assessment and/or insurance claims.

TEST RESULTS:

The test results of the two test samples are shown below. The test results show the concentration and average length of all metal crystalline growths including zinc and tin whiskers collected by the samplers.

Test ID:



Fibers/cm²: 0

Average Fiber Length:
0.00 mm

No metal whiskers were found on the sample.

INFORMATION:

Zinc whiskers and tin whiskers are tiny fibrous, crystalline growths on metals that are electroplated, galvanized or soldered. When present on circuit boards or other electronic objects, metal whiskers can cause short circuits that are difficult to diagnose. Surfaces that can develop metal whiskers include nuts and bolts, steel conduits, sheet metal, metal railings, soldering junctions and certain types of tile flooring.