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TESTED® DEVICE

Coroplast
Coroflex Food Basic 3000
Report No. CO 1509-784

Statement of Qualification

Riboflavin Test





Statement of Qualification

Customer Coroplast Fritz Müller GmbH & Co. KG

> Wittener Strasse 271 42279 Wuppertal Germany

Component tested

Category: **Energy Supply**

Subcategory: Cable Systems

Coroflex Food Basic 3000; 3 x 0.34 mm² Product name:

> (manufacturing date: week 37/2015; color: orange; serial number: 29-3000; external diameter: 4.3 mm)

Cleanability test (riboflavin test)

Standards/Guidelines:

Test environment parameters:

Test procedure parameters:

VDMA information sheet »Riboflavin test for low-germ or sterile process technologies – Fluorescence test for examination of cleanability«. The norms stated generally refer to the version valid at the time of the tests.

Laboratory

Test solution:	0.2 g riboflavin, 5 g hydroxethylcellulose
	in 1000 ml ultrapure water
• Application of test solution:	pump spray
	approx. 2-3 h
Cleaning accessories:	cleanroom wipes
Cleaning medium:	ultrapure water
Number of wiping cycles:	
Number of repeat tests:	
	λ = 366 nm

Cleanability can only be assessed qualitatively and is assessed based on the amount and size of defects occuring.

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Test result/Classification

The examination of cleanability of the cable system Coroflex Food Basic 3000; 3 x 0.34 mm² was investigated according to VDMA information test sheet. The following test result could be provided:

Classification

0 = excellent

Overall result: excellent

Residual fluorescence has been classified on the basis of a worst-case consideration. In the process, the following assessment was made according to the classification system used in VDMA information sheet:

0 = excellent3 = weak1 = very good4 = very weak2 = good5 = none



The measuring devices used for the qualification tests are calibrated at regular intervals; their results can be traced back to national and international standards. In cases where no national standards exist, the test procedure implemented complies with the technical regulations and norms applicable at the time of the test. The relevant documentation can be viewed on request at any time.

For further information about the test environment and parameters, please refer to the Fraunhofer IPA test report.

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