



# Fraunhofer

## TESTED<sup>®</sup> DEVICE

Coopers Fire Ltd  
Stainless Steel Structure 1.4044  
**Report No. CO 1804-1029**

### Chemical Resistance

### Qualification Certificate

This is to certify that the product mentioned above, provided by

**Coopers Fire Ltd**  
Hampshire, United Kingdom

has been awarded a Fraunhofer certificate TESTED DEVICE bearing the report number CO 1804-1029.

The chemical resistance of the Stainless Steel Structure 1.4044 was classified according to ISO 4628-1 and VDI 2083 Part 17 with the following result:

Chemical resistance			
Formalin 37 %	excellent	Peracetic acid 15 %	excellent
Ammoniac 25 %	excellent	Hydrochloric acid 5 %	weak
Hydrogen peroxide 30 %	excellent	Isopropanol 100 %	excellent
Sulfuric acid 5 %	excellent	Sodium hydroxide 5 %	excellent
Phosphoric acid 30 %	excellent	Sodium hypochlorite 5 %	excellent

This document only applies to the named product in its original state and is valid for a period of 5 years from the date the first document was issued. The document can be verified under [www.tested-device.com](http://www.tested-device.com).

Detailed information and parameters of the test environment can be found in the Fraunhofer IPA test report.

DUPLICATE

CO 1804-1029  
Report No. first document

Stuttgart, June 19, 2018  
Place, date of first document issued

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Report No. current document

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Place, current date

on behalf of   
Dr.-Ing. Frank Bürger, Project Manager Fraunhofer IPA