



# Fraunhofer

## TESTED<sup>®</sup> DEVICE

DENSO WAVE Inc.  
SUS316L (Cutting)  
**Report No. DE 2006-1161**

Single product  
Chemical  
Resistance

### Qualification Certificate

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

**DENSO WAVE Inc.**  
Aichi, Japan

has been awarded a Fraunhofer certificate TESTED DEVICE  
bearing the report number DE 2006-1161.

The chemical resistance of SUS316L (Cutting) 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 %	very 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 current  
date the 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.

DE 1409-725  
Report No. first document

Stuttgart, July 15, 2015  
Place, date of first document issued

DE 2006-1161  
Report No. current document

Stuttgart, November 4, 2020  
Place, current date

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