

Version: 1.1	Date : 31.08.2009	 <i>Testing and Engineering for Surface-, Cleaning- and Textile-Technology</i>
Testing Report 67256-1		
Written by: Dipl.-Ing. (FH) Thomas Leucht Certified by: Dipl.-Ing. (FH) Stephanie Weber	Page 1 von 2	
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Avet AG

Herr Roland Sacks
Eichwiesstrasse 9

**8630 Rüti
Schweiz**

Client	Mr. Roland Sacks
Order Date	03.08.2009
Sample Reciept	05.08.2009
Sample Material	ClaraClean Mopp 28cm 1.787.228 40cm 1.787.240 60cm 1.787.260
Work Order	Cleaning Test: Removal of non visible, organic substances to prevent bacteria growing
Testing Method	ATP-Testing in accordance to HACCP-Regulation
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Testing Results

ATP-Measurement of organic substances left on the surface.
ATP-Tests are used to confirm HACCP-Regulations.

A specified Stainless-Steel-Plate is used to make a contamination with ATP-sensitive Proteins.

The organic material will be stamped on the surface. The stainless steel plate has two zones
One zone for the checking the contamination before cleaning and the second zone for checking after cleaning process.

The measurement tool is a Kikkoman Lumitester DP-10 N appliance with a Lucipac W Surface Test.

The mopp or cloth is manually wiped 20 cycles over the contaminated stainless steel surface, before the mop was wringed out with a linear mop wringing tool. A standard cleaning detergent is used.

After then the second ATP test is done and the RLU-unit shows the cleaning result. A low RLU (relative light unit) shows a good cleaning result with low residues of substances for bacterial growing. The Test will be repeated two times and the Median and the standard deviation will be calculated.

Section H: Pass-Level: < 150 RLU
 Caution-Level: 151-299 RLU
 Fail-Level: > 300 RLU

Median of 5 tests:

Sample	Median RLU Before cleaning	Standard Deviation Before Cleaning +/- RLU	Median RLU After Cleaning	Standard Deviation After Cleaning +/- RLU	Residue of organic material (%)	Section H HACCP Level
ClaraClean MOPP	5024	104	66	11	1,3	pass



 Dipl.-Ing. (FH) Stephanie Weber

Date/Signature/Stamp