Formulated SENCRON2 Expert Review Page 1 of 2

Ralph Schubert
Prof. Dr. Med.
Hygiene and Environmental Health Specialist Physician

Grillparzerstrasse 72
60320 Frankfurt
Tel: 069/56 91 92/63 15 36 39
Fax: 069/56 91 92/63 66 51
E-mail: SchubertHygiene@aol.com
E-mail: Auxiliarius@t-online.de

Company
Gencel İlaç ve Kimya San. Ltd. Şti.
Erdemkent Sıt. Sedir No. 4
Çayyolu Ankara Turkey
24.01.2008

Expertise: SENCRON2 Formulation
Instrument Disinfection

Expertise Assessment:

Conducting tests to be included in the list of German Hygiene and Microbiology company

By Gencel İlaç ve Kimya San. Ltd. Şti. Company

Generated mixture in SENCRON2 formula

The concerned product - according to the information provided by the manufacturer - is a product to be used for instrument disinfection. The experiment mixture has been evaluated as follows basing on the results of the expertise control report dated 24.01.2008.

1. Assessment of the effect of bacterio-static and fungi-static

For the following substances in the minimum development inhibitor concentration experiment mixture in the review test:

S.aureus 0,25%
E.hirae 0,50%
E.coli 0,005%
P.mirabilis 0,50%
P.aeruginosa 0,50%
C.albicans 0,005%

2. Evaluation of the bacterio-static and fungicide effect in the quantitative suspension experiment

Lowest 5-minute lethal concentration in following experiment mixtures

S.aureus 0,50%
E.hirae 1,0 %
E.coli 0,50%
P.mirabilis 0,50%
P.aeruginosa 1,0 %
C.albicans 0,25%

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3. Evaluation of the bacterio-static and fungicide effect under elevated load in the quantitative suspension experiment

Following results have been obtained for 5-, 15-, 30- and 60-minute lethal values from application of DGHM-criteria under elevated load:

<table>
<thead>
<tr>
<th></th>
<th>Effect time</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>5 min</td>
</tr>
<tr>
<td>S.aureus</td>
<td>0.10%</td>
</tr>
<tr>
<td>E.hirae</td>
<td>0.25%</td>
</tr>
<tr>
<td>P.aeruginosa</td>
<td>0.50%</td>
</tr>
<tr>
<td>C.albicans</td>
<td>0.10%</td>
</tr>
<tr>
<td>M.terrae</td>
<td>3.0%</td>
</tr>
</tbody>
</table>

4. Conducting chemical instrument disinfection of experiments at conditions similar to practice under elevated load:

<table>
<thead>
<tr>
<th></th>
<th>Effect time</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>5 min</td>
</tr>
<tr>
<td>S.aureus</td>
<td>0.50%</td>
</tr>
<tr>
<td>E.hirae</td>
<td>0.50%</td>
</tr>
<tr>
<td>P.aeruginosa</td>
<td>1.0%</td>
</tr>
<tr>
<td>C.albicans</td>
<td>0.25%</td>
</tr>
<tr>
<td>M.terrae</td>
<td>4.0%</td>
</tr>
</tbody>
</table>

Due to results obtained from the securest test microbes, 4.0% concentration working solution equals to 5 minute effect time in chemical instrument disinfection. 15 minute value equals to 2.0%; 30 minute value to 2.0% and 60 minute value to 1.0%.

Summary
“According to criteria controlled and evaluated as per the "catalogue of requirements for including chemical disinfection processes in the DGHM list of disinfections", formulated SENCRON2 mixture should be considered efficient in 5 minutes in 4.0% concentration working solution under elevated load. 15 minute value equals to 2.0%; 30 minute value to 2.0% and 60 minute value to 1.0%.”

Signature
Prof. Dr. Med. R. Schubert

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