## Sterilization Details for Material Testing

<table>
<thead>
<tr>
<th>Sterilization Type</th>
<th>Dosage</th>
<th>Details</th>
</tr>
</thead>
</table>
| Ethylene Oxide (EO)                | 2X cycles      | Total time per cycle (excluding pre- and post-conditioning): 8 hours and 10 minutes  
EO exposure time per cycle: 8 hours and 0 minutes
EO concentration: 725 ppm  
Maximum temperature: 131°F  
Maximum relative humidity: 60%  
Maximum pressure rate change: 25 psi/min |
| Gamma                              | @25 kGy        | 1X cycle @25 kGy  
@50 kGy  
@100 kGy |
| Electron-beam                      | @25 kGy        | 1X cycle @25 kGy  
@50 kGy  
@100 kGy |
| Steam                              | 1X cycle       | Total time per cycle: 1 hours and 0 minutes  
Steam exposure per cycle: 0 hours and 30 minutes  
Maximum temperature: 261°F  
Maximum pressure: 40 psia |
| Low-temperature Oxidative: Sterrad® 100S | 1X cycle | Total time per cycle: 0 hours and 55 minutes  
H₂O₂ exposure time per cycle: 0 hours and 28 minutes  
Sterilant concentration: 58%  
Maximum temperature: 131°F |
| Low-temperature Oxidative: Vapor Hydrogen Peroxide | 1X cycle | Total time per cycle: 1 hours and 40 minutes  
H₂O₂ exposure time per cycle: 0 hours and 40 minutes  
Sterilant concentration: 35%  
Maximum temperature: 122°F |