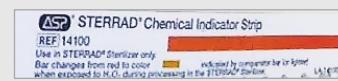
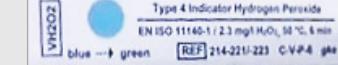
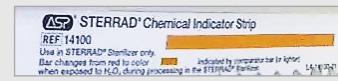
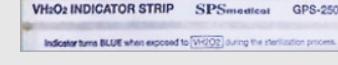
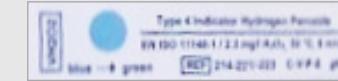
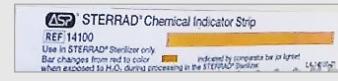
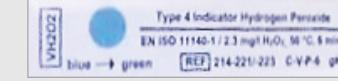
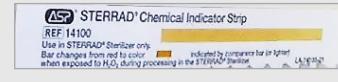
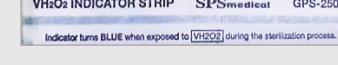
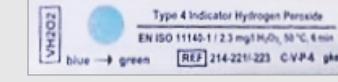
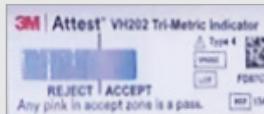
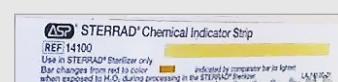
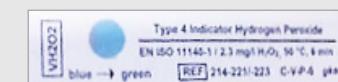
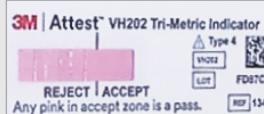


# Color stability of chemical indicators (CIs) for vaporized hydrogen peroxide (VH<sub>2</sub>O<sub>2</sub>) sterilization in pack storage

The 3M™ Attest™ Vaporized Hydrogen Peroxide Tri-Metric Chemical Indicator 1348/1348E is more color stable than all competitive VH<sub>2</sub>O<sub>2</sub> CIs tested including ASP, Steris, and SPS Medical. 3M™ Attest™ CI won't change color after sterilization from REJECT / FAIL to ACCEPT / PASS due to residual VH<sub>2</sub>O<sub>2</sub> (off-gassing) during storage for 6 weeks inside a pack.<sup>1,2</sup>

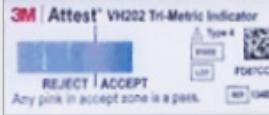
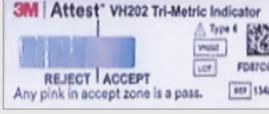
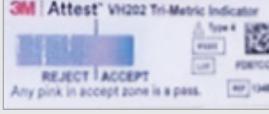
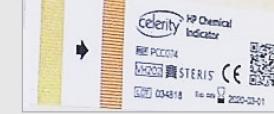
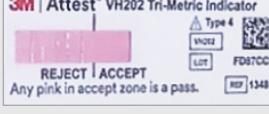
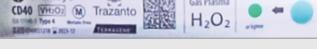
<b>Time 0</b> End of partial cycle VH <sub>2</sub> O <sub>2</sub> exposure	 Any pink in accept zone is a pass.	 Use in STERRAD® Sterilizer only. Bar changes from red to yellow when exposed to H <sub>2</sub> O <sub>2</sub> during processing in the STERRAD® Sterilizer.	 Indicator turns BLUE when exposed to VH <sub>2</sub> O <sub>2</sub> during the sterilization process.	 blue → green REF 214-221-223 C-V-P-4 gte
<b>Week 1</b> Storage inside wrapped pack	 Any pink in accept zone is a pass.	 Use in STERRAD® Sterilizer only. Bar changes from red to yellow when exposed to H <sub>2</sub> O <sub>2</sub> during processing in the STERRAD® Sterilizer.	 Indicator turns BLUE when exposed to VH <sub>2</sub> O <sub>2</sub> during the sterilization process.	 blue → green REF 214-221-223 C-V-P-4 gte
<b>Week 2</b> Storage inside wrapped pack	 Any pink in accept zone is a pass.	 Use in STERRAD® Sterilizer only. Bar changes from red to yellow when exposed to H <sub>2</sub> O <sub>2</sub> during processing in the STERRAD® Sterilizer.	 Indicator turns BLUE when exposed to VH <sub>2</sub> O <sub>2</sub> during the sterilization process.	 blue → green REF 214-221-223 C-V-P-4 gte
<b>Week 4</b> Storage inside wrapped pack	 Any pink in accept zone is a pass.	 Use in STERRAD® Sterilizer only. Bar changes from red to yellow when exposed to H <sub>2</sub> O <sub>2</sub> during processing in the STERRAD® Sterilizer.	 Indicator turns BLUE when exposed to VH <sub>2</sub> O <sub>2</sub> during the sterilization process.	 blue → green REF 214-221-223 C-V-P-4 gte
<b>Week 6</b> Storage inside wrapped pack	 Any pink in accept zone is a pass.	 Use in STERRAD® Sterilizer only. Bar changes from red to yellow when exposed to H <sub>2</sub> O <sub>2</sub> during processing in the STERRAD® Sterilizer.	 Indicator turns BLUE when exposed to VH <sub>2</sub> O <sub>2</sub> during the sterilization process.	 blue → green REF 214-221-223 C-V-P-4 gte
<b>Full cycle exposure sample</b>	 Any pink in accept zone is a pass.	 Use in STERRAD® Sterilizer only. Bar changes from red to yellow when exposed to H <sub>2</sub> O <sub>2</sub> during processing in the STERRAD® Sterilizer.	 Indicator turns BLUE when exposed to VH <sub>2</sub> O <sub>2</sub> during the sterilization process.	 blue → green REF 214-221-223 C-V-P-4 gte

1. Reference Study EM-05-692844. 2. Paper – Color Stability of Chemical Indicators (CIs) for Vaporized Hydrogen Peroxide (VH<sub>2</sub>O<sub>2</sub>) Sterilization in Pack Storage

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EN\_GL\_70-2011-8117-2

# Color stability of chemical indicators (CIs) for vaporized hydrogen peroxide (VH<sub>2</sub>O<sub>2</sub>) sterilization in pack storage

The 3M™ Attest™ Vaporized Hydrogen Peroxide Tri-Metric Chemical Indicator 1348/1348E is more color stable than all competitive VH<sub>2</sub>O<sub>2</sub> CIs tested including ASP, Steris, and SPS Medical. 3M™ Attest™ Tri-Metric CI won't change color after sterilization from REJECT / FAIL to ACCEPT / PASS due to residual VH<sub>2</sub>O<sub>2</sub> (off-gassing) during storage for 6 weeks inside a pack.<sup>1,2</sup>

Time 0 End of partial cycle VH <sub>2</sub> O <sub>2</sub> exposure				
Week 1 Storage inside wrapped pack				
Week 2 Storage inside wrapped pack				
Week 4 Storage inside wrapped pack				
Week 6 Storage inside wrapped pack				
Full cycle exposure sample				

1. Reference Study EM-05-692844. 2. Paper – Color Stability of Chemical Indicators (CIs) for Vaporized Hydrogen Peroxide (VH<sub>2</sub>O<sub>2</sub>) Sterilization in Pack Storage