

# Sustainability Scorecard For Endotoxin Testing



In total, **Roche** scores **35** out of **100** possible points, earning them a Sustainability Rating of **two horseshoe crabs**. Five horseshoe crabs is the highest rating.

**Roche's** Sustainability Rating will appear on the Sustainability Scorecard for Endotoxin Testing in Spring 2025. To learn more about the Sustainability Scorecard, visit [www.pharmascore.org](http://www.pharmascore.org).

## Category 1 - Avoid the Use of TAL

Your company:

- ✓ Does not use TAL (5 points)

**5/5 points**

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## Category 2 - Acknowledge the Value of Replacing LAL

Your company:

- ✓ Publicly acknowledged the need to remove animal-derived LAL from the endotoxin testing process. (5 points)
- ✓ Publicly acknowledged data that synthetic alternatives offer a number of benefits including compliance with the principles of the 3Rs in animal use: replacement, reduction, refinement (5 points)
- ✓ Publicly acknowledged or has published data demonstrating that synthetic alternatives are effective and appropriate for the testing of water in the manufacturing process (5 points)
- ✓ Publicly acknowledged or has published data demonstrating that synthetic alternatives are viable for your company (5 points)
- ✗ Developed a business contingency plan in the event of a major supply chain disruption of LAL (5 points)
- ✓ Published comparison data for synthetic alternatives and LAL as it applies to your company's work (5 points)

**25/30 points**

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## Category 3 - Reduce the Use of LAL

Your company:

- ✓ Has established a time frame for reducing the use of animal-derived LAL by switching to synthetic alternatives for water testing or microfluidics (5 points)
- ✗ Is transitioning the use of water testing from LAL to synthetic alternatives (5 points)
- ✗ Is transitioning the use of water testing from LAL to microfluidics (5 points)
- ✗ Has converted a significant portion of their water testing from their LAL use (>80%) to synthetic alternatives or via microfluidics (5 points)

**5/20 points**

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## Category 4 - Adopt Synthetic Alternatives for New Products

Your company:

- ✗ Has established a time frame for transitioning to synthetic alternatives for applicable new products (5 points)
- ✗ Has begun utilizing synthetic alternatives for endotoxin testing for applicable new products (5 points)
- ✗ Is utilizing synthetic alternatives for endotoxin testing for all applicable new products (10 points)

**0/20 points**

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## Category 5 - Adopt Synthetic Alternatives for Legacy Products

Your company:

- ✗ Initiated bridging strategy with legacy products that were tested with LAL (5 points)
- ✗ Successfully converted a legacy product (5 points)
- ✗ Is utilizing synthetic alternatives for endotoxin testing for all legacy products (5 points)
- ✗ Is utilizing synthetic alternatives for endotoxin testing for all applicable products at internal sites and/or with contract partners globally (10 points)

**0/25 points**

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If you have questions about the survey or your results,  
please contact [elizabeth@reviverestore.org](mailto:elizabeth@reviverestore.org).