

Sustainability Scorecard For Endotoxin Testing



In total, **Novo Nordisk** scores **15** out of **100** possible points, earning them a Sustainability Rating of **one horseshoe crab**.
Five horseshoe crabs is the highest rating.

Novo Nordisk'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.

Category 1 - Avoid the Use of TAL

Your company:

- ✓ Does not use TAL (5 points)

5/5 points

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)

10/30 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)

0/20 points

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

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

If you have questions about the survey or your results,
please contact elizabeth@reviverestore.org.