# ACT Responsibly; Buy Sustainably Do your lab products pass the test?

While only an estimated 1.8% of total global plastic pollution comes from scientific laboratories, researchers have long been concerned with the amount of waste they produce and are making conscious efforts to ACT and purchase more responsibly.

Making greener choices in the lab is now easier. Here's how you can ACT now.

| roduct Name                             |            |
|---|------------|
| Manufacturing Location                  |            |
| Manufacturing<br>Manufacturing Impact F | Reduction  |
| Renewable Energy                        | / Use      |
| Responsible Chemical                    | Management |
| Shipping Impact                         |            |
| Product Content                         |            |
| Packaging Content                       |            |
| Jser Impact<br>Energy Consumption       |            |
| Water Consumption                       |            |
| Lifetime Rating                         |            |
| ind of Life<br>Packaging                |            |
| Product                                 |            |
| nvironmental Impac                      | t Factor   |
| abel Valid Through                      |            |

www.thermofisher.com/actlabel

# How do your lab consumables rank on the sustainability scale?



## Designed Sustainably

Check product Safety Data Sheets (SDSs) to see if your products contain carcinogens, mutagens, toxins or endocrine disruptors.

Determine if the product or packaging uses recycled content or content from renewable sources. Also consider if the product was made with fewer materials than a comparable product (e.g. pipette tip reload systems vs. a new box).

# Manufactured Responsibly

Ensure the manufacturing facility where your products are made takes steps to reduce energy usage, water consumption and waste production or utilizes renewable energy, such as solar or wind power, in its manufacturing processes by reviewing the manufacturers Corporate Social Responsibility (CSR) Report or corporate sustainability web pages.





## **Consciously Transported**

It's estimated that just one container ship can produce the same amount of pollution as 50 million cars. Ask yourself: how many miles does your product travel to get to you? Is it manufactured near or

within the U.S., or does it need to be shipped from abroad?

#### **Markov Responsibly Packaged**

Consider the packaging content of your products. Are they readily recyclable? Is excess paper, cardboard or plastic being used? For example traditional styrofoam coolers have been known to create disposal issues. Next time you need to make a cold-chain shipment, try opting for a recyclable paper cooler for the same product protection at a fraction of the environmental impact.





#### **Product Lifespan**

The longer a product is intended to last, the less replacements you will need. Look for products with a long shelf life, made durably for numerous uses and that can be readily recycled or can be returned to the manufacturer when it's no longer functional.

Using the ACT label can help you make more environmentally-informed purchases next time your lab needs a re-stock.

At Thermo Fisher Scientific, we are continuously assessing and improving the health, safety and environmental impact of our products, processes and services. Employing principles of green chemistry and green engineering in our product design, we strive to provide our customers with alternatives that are less hazardous, more energy efficient and reduce waste. We are also among the lab product suppliers participating in the ACT Label initiative developed by the non-profit, My Green Lab.

To learn more about how our products are scored by My Green Lab, visit: thermofisher.com/actlabel.

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