## eppendorf



## Reduce Your Carbon Emissions

## Eppendorf Tubes® BioBased 5 to 50 mL

Eppendorf Tubes® BioBased are made from at least 90% renewable feedstock (recycled e.g., from food oil wastes like used cooking oil and residues), applying ISCC mass balance approach.

To establish comparability, Eppendorf conducted two life cycle analyses (LCAs). One for the Eppendorf Tube 5.0 mL with screw cap made of fossil-based PP and one for the corresponding tube made of biobased PP.

The LCAs were performed under the following conditions:

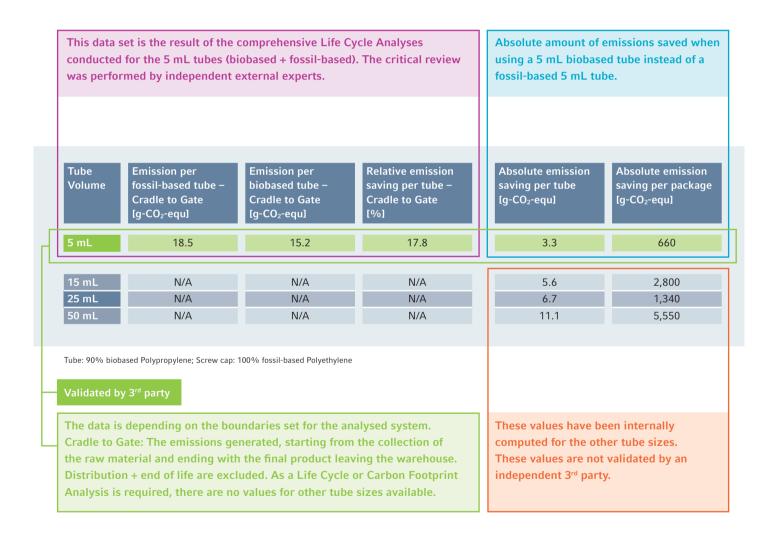
- > According to standards ISO 14040 and ISO 14044
- > Conducted by independent third party
- > Review by DEKRA Assurance Services



## Data for Carbon Emissions and Emission Savings

The analyses are based on the "cradle to gate" principle to be able to evaluate the values determined independently of the different delivery routes to the customer. Based on the values determined for the 5 mL tube, we have calculated the corresponding  $CO_2e$  savings for the 15 mL, 25 mL, and 50 mL tubes with screw caps.

In the following, we show the absolute emission savings per tube determined on the basis of the LCAs described above, as well as the emission savings calculated on this basis for 15 mL, 25 mL, and 50 mL Eppendorf Tubes<sup>®</sup>.



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