

Design for sustainability (DfS) scorecard



With our DfS scorecard, we drive sustainability improvement during the product development process through multiple product sustainability criteria divided into seven impact areas.

1179220001- MQuant® Peracetic Acid Test



Re-engineered test strips with unchanged performance

Impact areas

Results



MATERIALS

8% reduction of the materials used for the test strips including chemicals and plastic thanks to a reduction of the test strip width without any impact on function



SUPPLIERS & MANUFACTURING

No change compared to baseline product in consideration of our DfS criteria



PACKAGING

The primary packaging tube material used to hold the test strips has switched from virgin aluminum to aluminium that consists of 60% post-industrial recycled aluminium and 40% internal aluminium scrap. The secondary packaging box now uses paperboard with sustainable forestry certification.



ENERGY & EMISSIONS

No change compared to baseline product in consideration of our DfS criteria



WATER

No change compared to baseline product in consideration of our DfS criteria



USABILITY & INNOVATION

The existing instruction leaflet based on paper was removed and is now provided digitally via a QR code on the packaging leading to the “My M Safety” app or via the website.



CIRCULAR ECONOMY

No change compared to baseline product in consideration of our DfS criteria

Baseline product: Initial version of 1179220001 - MQuant® Peracetic Acid Test