

# CERTIFICATE

Certificate-ID: C01-2021-09-21253190

Certificate for: **Methodology for the LCI Database "cm.chemicals"**

Certified: Carbon Minds GmbH  
Eupener Str. 165  
50933 Cologne



Accounting Scope: Carbon Minds' cm.chemicals database covers Life Cycle Inventory (LCI) data for approx. 1,000 products from the chemical sector in about 190 regions

Test criteria: Reliability, transparency, relevance and representativeness of the methods and data used; Conformity with ISO Norms 14040 and 14044

Review Report: CF-2021-09-21253190

Valid until: December 31 2022

The reviewers conclude that the methodology for the LCI Database "cm.chemicals" developed by Carbon Minds GmbH is scientifically based, reflects the state of the art and complies with the requirements of ISO 14040:2006 + Amd.1:2020 and 14044:2006 + Amd 1:2017 + Amd 2:2020. The approach and principles behind the methodology are generally appropriate for LCI datasets and for the goal and scope of the method. Altogether the data quality of the used sources and the quality of the resulting LCI datasets are estimated to be very high. For the future, TÜV Rheinland recommends to continually enhance the methodology in line with the developments in science, technology and the chemical industry and to adapt the methodology report accordingly. Specifications and assessment limits can be found in the review report. The validity can be authenticated using the QR code, or the test mark ID at [www.certipedia.com](http://www.certipedia.com).

Cologne, November 16 2021

Handwritten signature of Susanne Jorre in blue ink.

Susanne Jorre  
TÜV Rheinland Group  
Carbon Services

Handwritten signature of Susanne Dunschen in blue ink.

Susanne Dunschen  
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