

# CERTIFICATE



Certificate-ID: C01-2023-10-21259473

Certificate for: **Brenntag Product carbon footprint calculations according to ISO 14067:2018**

Certified: Brenntag SE  
Messeallee 11  
45131 Essen, Germany

Accounting Scope: Brenntag's method scope aims to cover the whole sales portfolio according to the Cradle-to-Gate life cycle stage. This includes material acquisition and preprocessing i.e., raw material extraction, transportation to suppliers' facilities, material refining, transportation to the production site as well as production i.e., process and energy used directly for the production.

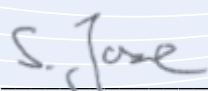
Applied Standard: ISO 14067: 2018 which is based on ISO 14040:2006 + A1:2020 /ISO 14044:2006 + A1:2018 + A2:2020, Together for Sustainability (TfS) - The Product Carbon Footprint Guideline for the Chemical Industry, 2022


Review Report: CF-2023-10-21259473

Valid until: October 31<sup>st</sup> 2024

In accordance with the standard ISO 14067: 2018 and TfS the reviewer concludes that Brenntag's methodology is scientifically based and reflects the state of the art. The approach and principles behind the methodology are generally appropriate for the assessment of potential Climate Change impacts of chemicals. Furthermore, the data used are appropriate for the goal and scope of the method. Necessary recommendations for the documentation and Brenntag's methodology as well as the software tool for external and internal use ("CO2Xplorer" and "CO2Xplorer dashboard") were discussed during the video conferences and implemented by Brenntag SE. For the future, TÜV Rheinland recommends to continually enhance the methodology in line with the developments in science, technology and chemical industry and to adapt the methodology 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 3, 2023

  
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Sustainability and Carbon Services

  
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Jocelyn Sobiech



Product Carbon Footprint  
Certified Calculation Method



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