

# CERTIFICATE



Certificate-ID: C01a-2022-09-21256446

Certificate for Ökobilanz der Herstellung von TROGAMID® CX7323, TROGAMID® myCX eCO, TROGAMID® myCX high flow, TROGAMID® RS6201, TROGAMID® UV eCO, TROGAMID® myCX UV eCO sowie TROGAMID® myCX eCO BC100 und TROGAMID® RE6074 inkl. internes Kontierungssystem zur Anrechnung grüner Energieträgeranteile

Certified: Evonik Operations GmbH  
Paul-Baumann-Straße Str. 1  
45772 Marl

Life Cycle Scope: Cradle to Gate

Valid until: August 31<sup>st</sup> 2023

Applied Standards: ISO 14040:2006 + A1:2020  
ISO 14044:2006 + A1:2017 + A2:2020  
ISO 14067:2018

Review Report: CF-2022-09-21256446

TÜV Rheinland hereby confirms that the life cycle assessment study meets the requirements of ISO 14040:2006 + A1:2020 and ISO 14044:2006 + A1:2017 + A2:2020 through independent critical review. The methods used and the modelling of the product system correspond to state of the art. Both are suitable for fulfillment of the goals formulated in the study. In addition, TÜV Rheinland confirms that the established system is suitable for recording the green energy sources (monitoring) and assigning them to the life cycle assessment of the Trogamid production. The system is integrated into the management system of the Evonik Group structure. Appropriate contact persons with responsibilities are defined. A self-declaration by Evonik Operations GmbH rules out the double marketing of green energy sources for other products.

- The following statements are hereby accepted for further communication on TROGAMID® myCX eCO:
- TROGAMID® myCX eCO comes with a 40% substitution of fossil with bio-based waste raw materials in the value chain.
  - TROGAMID® myCX eCO is manufactured at Evonik using 100% renewable energy.
  - TROGAMID® myCX eCO reduces the carbon footprint by about 50% compared to the fossil product.

Cologne, November 10<sup>th</sup> 2022

Norbert Heidelmann

Susanne Jorre



Life Cycle  
Assessment



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TÜV Rheinland Group  
Sustainability and Carbon Services