

## CERTIFICATE

In cooperation with Arqum GmbH the  
**greenhouse gas balance of HVL GmbH**  
was calculated for the year 2019.

The following emission sources were identified and accounted for:

- Scope 1: natural gas, fuels, refrigerants
- Scope 2: electricity
- Scope 3: fuel- and energy-related upstream supply chain emissions, purchased goods, travel by service providers, waste, business trips, employee travel

For the year 2019 **82,802.9 kg CO<sub>2</sub>e** greenhouse gas emissions were calculated.

The calculation was done in accordance with the requirements of the Greenhouse Gas Protocol Corporate Accounting and Reporting Standard. The emission factors used are largely taken from the databases Gemis, Defra, Ademe and Ecoinvent.



Stuttgart, 27 June 2022  
Ellen Leibing, Arqum GmbH



UMWELT



KLIMA



ENERGIE



ARBEITSSICHERHEIT



QUALITÄT



INTERNATIONAL



CSR/NACHHALTIGKEIT



COMPLIANCE