

Greenhouse Gas Emissions
Independent Verification Report

To: Tokuyama Corporation

June 13, 2024

Japan Audit and Certification Organization
for Environment and Quality (JACO)
2-2-19 Akasaka Minato-ku, Tokyo, Japan



President *Hiroyuki Onodera*

Japan Audit and Certification Organization for Environment and Quality (JACO) has been engaged by Tokuyama Corporation including its domestic and overseas consolidated production subsidiary (hereinafter referred to as “the Organization”) to conduct independent verification of its GHG emissions information prepared under the responsibility of the Organization.

1. Purpose and scope of verification

With regard to the GHG emissions information reported by the Organization for the fiscal year 2023 (from April 1, 2023 to March 31, 2024), the verification was conducted. The aim of this verification is to consider the accuracy of the GHG emissions data and to provide a verification opinion.

- 1) Scope 1 and Scope 2 Greenhouse gas emissions from 4 sites of the Organization and 32 sites of its domestic and overseas consolidated production subsidiaries
- 2) Scope 3 Greenhouse gas emissions as defined by the organization

The Organization revised a part of the data in GHG emissions information that was used for the verification based on the verification results. The responsibility for preparing a calculation report and reporting GHG emissions is in the Organization and our responsibility is to express an opinion on GHG emissions stated in the calculation report by independent standpoint.

2. Verification procedure

JACO conducted verification in accordance with ISO 14064-3:2019, Greenhouse gases - Part 3: Specification with guidance for the verification and validation of greenhouse gas statements. We conducted the following activities as part of limited assurance:

- Hearing or document inquiries to the Organization’s officials who are responsible for identifying and accounting greenhouse gas emissions;
- Evaluation of the application of the accounting criteria, the method of data measurement, the assumptions adopted by the Organization as well as its basis, and the description of the GHG statement related to the information (data) used to determine the GHG emissions; and
- Verification by sampling in order to confirm accuracy of GHG emissions.

3. Conclusion

Based on the procedures we have performed and evidence we have obtained, nothing has come to our attention that causes us to believe that the Organization’s GHG statements:

- are not materially accurate and are not a fair representation of the GHG emissions as per the scope of work; and
- are not prepared in accordance with the methodology implemented by the Organization.

Verified greenhouse gas emissions

Scope 1: 6,168 ktCO_{2e}, Scope 2: 151 ktCO_{2e}, Scope 3: 1,769 ktCO_{2e}

Details of Scope 3 emissions

Category 1: 822 ktCO_{2e}, Category 3: 424 ktCO_{2e}, Category 4: 524 ktCO_{2e}

The Organization and JACO verification team did not have any specific conflicts of interest and carried out the verification on an independent basis.