

Greenhouse Gas Emissions Verification Report

To: Tokuyama Corporation

July 7, 2023

Japan Audit and Certification Organization
for Environment and Quality (JACO)

2-2-19 Akasaka Minato-ku, Tokyo, Japan

President 

Japan Audit and Certification Organization for Environment and Quality (JACO) has been engaged by Tokuyama Corporation including its domestic and overseas consolidated subsidiary (hereinafter referred to as “the organization”) to conduct independent verification of its GHG emissions. The aim of this verification is to consider the accuracy of environmental data and to provide a verification opinion.

1. Purpose and scope of verification

With regard to GHG emissions information for the fiscal year 2022 (from Apr. 1, 2022 to Mar. 31, 2023) prepared under the responsibility of the organization, the verification was conducted.

- 1) Scope 1 and Scope 2 Greenhouse gas emissions from 4 sites of Tokuyama Corporation and 34 sites of subsidiaries
- 2) Scope 3 Greenhouse gas emissions from Tokuyama Corporation as defined by the organization

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 the 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 inquiries to the organization’s officials who are responsible for identifying and calculating greenhouse gas emissions;
- Evaluation of the information (data) used to determine the greenhouse gas emissions, the method of applying the calculation criteria, the method of measuring the data and the assumptions adopted by the company, and examination of description of the GHG report; and
- Verification by sampling in order to confirm accuracy of GHG emissions.

3. Conclusion

Based on the process and procedures conducted, there is no evidence that the organization’s GHG statement:

- is not materially correct and is not a fair representation of GHG data and information;
- has not been prepared in accordance with the methodology implemented by the organization.

Verified greenhouse gas emissions

Scope 1: 6,515 ktCO₂e,

Scope 2: 132 ktCO₂e

Scope 3: 1,678 ktCO₂e

Details of Scope 3 emissions

Category 1: 712 ktCO₂e, Category 3: 450 ktCO₂e, Category 4: 516 ktCO₂e

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