

Greenhouse Gas Verification Statement

The inventory of Greenhouse Gas emissions in 01/01/2023 – 31/12/2023 of

AptarGroup Inc.

265 Exchange Dr Ste 301, Crystal Lake, IL 60014, United States of America.

has been verified in accordance with ISO 14064-3:2019 as meeting the requirements of
ISO 14064-1:2018

For the following activities:

“Manufacture of dispensing, sealing and active packaging systems for the beauty, personal care, home care, prescription drug, consumer health care, injectable, food and beverage market and accessories”

Disclosing emissions of:

Location-based: **634 765** t CO₂ equivalent (Categories 1 to 6)

Market-based: **452 225** t CO₂ equivalent (Categories 1 to 6)

Lead Auditor: Ursula Antunez de Mayolo Corzo.

Technical Reviewer: Tatiana Parizotto

Statement date: 29 May, 2024



Authorized by
Thiago Doretto
Director

SGS do Brasil Ltda.

Av. Piracema, 1341 - Galpão Horizon - 2º Andar, Tamboré CEP 06460-030, Barueri/SP, Brasil

Fone: +55 11 2664-9595, www.sgsgroup.com.br



This document is an authentic electronic certificate for Client' business purposes use only. Printed version of the electronic certificate are permitted and will be considered as a copy. This document is issued by the Company subject to SGS General Conditions of certification services available on Terms and Conditions | SGS. Attention is drawn to the limitation of liability, indemnification and jurisdictional clauses contained therein. This document is copyright protected and any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful.

Brief Description of Verification Process

SGS North America Inc. has been contracted by APTARGROUP INC. for the verification of direct and indirect carbon dioxide equivalent (CO₂e) emissions as provided by APTARGROUP INC., in their report "APTAR - QUANTIFICATION AND REPORTING OF GHGS EMISSIONS AND REMOVALS" of 8th May 2024.

Roles and responsibilities

The Operational Excellence EHS team and Sustainability Team of APTARGROUP INC. are responsible for the organization's GHG information system, the development and maintenance of records and reporting procedures in accordance with that system, including the calculation and determination of GHG emissions information and the reported GHG emissions. It is SGS' responsibility to express an independent GHG verification opinion on the emissions as provided in APTARGROUP INC.'s GHG Statement for the period 01/01/2023 – 31/12/2023. SGS conducted a third-party verification following the requirements of ISO 14064-3:2019 of the provided GHG Statement. The verification was based on the verification scope, objectives and criteria as agreed between APTARGROUP INC. and SGS in December 2023. The assessment included on-site visits for their factories in: Congers (USA), Auburn – 2 factories (USA), Queretaro (Mexico) and Guangzhou (China), and a Corporate review of the calculations at the 3 USA factories with the Corporate team.

Scope

APTARGROUP INC. has commissioned an independent verification by SGS of reported CO₂e emissions arising from their operations, to establish conformance with the requirements of ISO 14064-1 within the scope of the verification as outlined below. Data and information supporting the CO₂e Statement were historical in nature, projected, and proven by evidence. This engagement covers verification of emissions from anthropogenic sources of GHG included within the organization's boundary and meets the requirements of ISO 14064-1.

- Organizational boundary: Operational Control approach.
- Description of activities: "Manufacture of dispensing, sealing and active packaging systems for the beauty, personal care, home care, prescription drug, consumer health care, injectable, food and beverage market and accessories"
- Location of the activities: Global operations. Manufacturing facilities in North America, Europe, Asia and Latin America. Approximately 60 facilities.
- Physical infrastructure, activities, technologies & processes: Manufacturing, offices, and warehousing.
- GHG sources included:
 - Category 1 – Direct GHG emissions: Stationary/mobile combustion, fugitive, and process emissions. There are no removals.
 - Category 2 – Indirect GHG emissions: Purchased electricity.
 - Category 3 – Indirect GHG emissions: Upstream and downstream transportation, employee commuting, business travelling.
 - Category 4 – Indirect GHG emissions: Purchased goods, solid waste, water withdrawn from 3rd parties and effluents to 3rd parties.
 - Category 5 – Indirect GHG emissions: End-of-life emissions and investments.
 - Category 6 – Indirect GHG emissions: Processing of sold products.
- Exclusions and Justifications: There was an evaluation of significant GHG emissions to determine the exclusions, based on the following criteria: Size, Influence, Risk, Stakeholders, and Outsourcing.
- GHGs included: CO₂, N₂O, CH₄, HFCs, PFCs, SF₆ and NF₃. CO₂ emissions of biomass and GHG emissions from non-Kyoto gases were reported separately.
- GHG information for the following period was verified: 01/01/2023 – 31/12/2023.
- Intended user of the verification statement: Internal and General Public.
- Global Warming Potentials (GWPs): IPCC AR5, 2013.
- Directed actions: Renewable Energy Certificates (RECs) and Guarantee of Origin (GoO) purchased 529 984 MWh, to cover more than 97% of Aptar total electricity consumption with renewable sources. The instruments provided as support are Certificates EEX, i-RECs and Guarantees of Origin.



This document is an authentic electronic certificate for Client' business purposes use only. Printed version of the electronic certificate are permitted and will be considered as a copy. This document is issued by the Company subject to SGS General Conditions of certification services available on Terms and Conditions | SGS. Attention is drawn to the limitation of liability, indemnification and jurisdictional clauses contained therein. This document is copyright protected and any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful.

Objective

The purposes of this verification exercise are, by review of objective evidence, to independently review:

- Whether the CO₂e emissions are as declared by the organization's GHG Statement
- That the data reported is accurate, complete, consistent, transparent and free of material error or omission.

Criteria

Criteria against which the verification assessment is undertaken are the requirements of ISO 14064-1.

Level of Assurance

The level of assurance agreed is *reasonable* for Categories 1 and 2, and *limited* for Categories 3 to 6.

Materiality

The materiality required of the verification was considered by SGS to be below 5% for reasonable level of assurance and 10% for limited level of assurance, based on the needs of the intended user of the GHG Statement

Conclusion

APTARGROUP INC. provided their GHG Statement based on the requirements of ISO 14064-1. The GHG emissions for the period 01/01/2023 – 31/12/2023 disclosed were verified by SGS to a reasonable level of assurance (for Categories 1 and 2) and limited level of assurance (for Categories 3 to 6), consistent with the agreed verification scope, objectives, and criteria, for the following:

- Location-based: **634 765** metric tonnes of CO₂ equivalent (Categories 1 to 6): 24 660 for Category 1, 189 709 for Category 2, and 420 396 for Categories 3 to 6.
 - Market-based: **452 225** metric tonnes of CO₂ equivalent (Categories 1 to 6): 24 660 for Category 1, 7 169 for Category 2, and 420 396 for Categories 3 to 6.
- Separately, it was reported 54 metric tonnes CO₂ emissions due to combustion of biomass and 715 metric tonnes CO₂e from non-Kyoto gases.

SGS' approach is risk-based, drawing on an understanding of the risks associated with modeling GHG emission information and the controls in place to mitigate these risks. Our examination included assessment, on a sample basis, of evidence relevant to the emissions reporting.

SGS concludes with a reasonable level of assurance (for Categories 1 and 2) and limited level of assurance (for Categories 3 to 6) that the presented GHG Statement is materially correct, is a fair representation of the CO₂e data and information and is prepared following the ISO 14064-1 requirements. We planned and performed our work to obtain the information, explanations and evidence that we considered necessary to provide a reasonable level of assurance (for Categories 1 and 2) and limited level of assurance (for Categories 3 to 6) that the GHG emissions are fairly stated.

This statement shall be interpreted with the report "APTAR - QUANTIFICATION AND REPORTING OF GHGs EMISSIONS AND REMOVALS" of 8th May 2024, as a whole.

Note: This Statement is issued, on behalf of Client, by **SGS do Brasil Ltda** - Av. Piracema, 1341 – Galpão Horizon 2^o andar - Barueri/SP - CEP 06460-030. Brasil ("SGS") under its General Conditions for GHG Validation and Verification Services. The findings recorded hereon are based upon an audit performed by SGS. A full copy of this statement and the supporting GHG Report may be requested to APTARGROUP INC. This Statement does not relieve Client from compliance with any bylaws, federal, national or regional acts and regulations or with any guidelines issued pursuant to such regulations. Stipulations to the contrary are not binding on SGS and SGS shall have no responsibility vis-à-vis parties other than its Client.



This document is an authentic electronic certificate for Client' business purposes use only. Printed version of the electronic certificate are permitted and will be considered as a copy. This document is issued by the Company subject to SGS General Conditions of certification services available on Terms and Conditions | SGS. Attention is drawn to the limitation of liability, indemnification and jurisdictional clauses contained therein. This document is copyright protected and any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful.