

Statement US23/00000242

Greenhouse Gas Verification Statement

The inventory of Greenhouse Gas emissions in 01/01/2022 – 31/12/2022 of

AptarGroup Inc.

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

has been verified in accordance with ISO 14064-3:2006 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: **674 867** metric tonnes of CO₂ equivalent (Categories 1 to 6)

Market-based: **485 880** metric tonnes of CO₂ equivalent (Categories 1 to 6)

Lead Auditor: Ursula Antunez de Mayolo Corzo.

Technical Reviewer: Tatiana Parizotto

Statement date: May 25, 2023



Authorized by
Thiago Doretto
Director

SGS do Brasil Ltda.

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AptarGroup Inc.

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 16th May 2023.

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 assertion for the period 01/01/2022 – 31/12/2022. SGS conducted a third-party verification following the requirements of ISO 14064-3:2006 of the provided GHG assertion. The verification was based on the verification scope, objectives and criteria as agreed between APTARGROUP INC. and SGS in November 2022. The assessment included on-site visits for their factories in: Mukwonago (USA), Lincolnton (USA), Annecy (France), Maringa (Brazil), Freyung (Germany), Pescara (Italy) and Berazategui (Argentina), and a Corporate review of the calculations at the Mukwonago office 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 assertion 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: 01/01/2022 – 31/12/2022.
- 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 557 934 MWh, to cover more than 97% of Aptar total electricity consumption with renewable sources.



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AptarGroup Inc.

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 assertion
- 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*.

Materiality

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

Conclusion

APTARGROUP INC. provided their GHG assertion based on the requirements of ISO 14064-1. The GHG emissions for the period 01/01/2022 – 31/12/2022 disclosed were verified by SGS to a reasonable level of assurance, consistent with the agreed verification scope, objectives, and criteria, for the following:

- Location-based: **674 867** metric tonnes of CO₂ equivalent (Categories 1 to 6): 25 790 for Category 1, 197 632 for Category 2, and 451 445 for Categories 3 to 6.
- Market-based: **485 880** metric tonnes of CO₂ equivalent (Categories 1 to 6): 25 790 for Category 1, 8 644 for Category 2, and 451 446 for Categories 3 to 6.

Separately, it was reported 62 metric tonnes CO₂ emissions due to combustion of biomass and 847 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 that the presented CO₂e assertion 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 that the CO₂e emissions are fairly stated.

Renewable Electricity details:

557,934,433 kWh of renewable electricity purchased from the total consumption from external parties of 573,871,681 kWh. The instruments provided as support are Certificates EEX, I-RECs and Guarantees of Origin.

This statement shall be interpreted with the report "APTAR - QUANTIFICATION AND REPORTING OF GHGS EMISSIONS AND REMOVALS" Version 2.0 of 23rd May 2023, as a whole.

Note: This Statement is issued, on behalf of Client, by **SGS do Brasil Ltda** - Av. Piracema, 1341 – Galpão Horizon 2º 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.



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