


Verification Report

Verification Opinion: CFV 811911

Verified with comments	
Based on the process and procedures conducted, there is no evidence that the GHG statement contained in the GHG Inventory Report FY 2022-2023 dated 31/09/2024 for the scope 3 inventory only, produced by Granules India Limited.	<ul style="list-style-type: none"> Is not materially correct and is not a fair representation of GHG data and information. Has not been prepared in accordance with ISO 14064-1:2018, and its principles and with reference to GHG protocol (Corporate Value Chain (Scope 3) Accounting and Reporting Standard and its Supplement).
The following improvements were raised about future reporting.	List of improvements <ul style="list-style-type: none"> The organization could improve the GHG accounting by adopting LCA-based GHG emission factors (Cradle to grave) to calculate and disclose GHG emissions inventory for all the emission sources. The organization could try to include the GHG emission sources excluded for this reporting year for further periods.
Lead Verifier	S Krishnaraj
Independent Reviewer	R Reghu Kumar
Signed on behalf of BSI	 Theuns Kotze
Issue Date	15/10/2024
BSI Group India Pvt. Ltd., Headquarters: The MIRA Corporate Suites (A-2). Plot 1&2 Ishwar Nagar. Mathura Road. New Delhi. India. 110065 BSI Group India is a subsidiary of British Standards Institution +91 11 4762-9000	
NOTE: BSI Group India Pvt. Ltd. is independent to and has no financial interest in Granules India Limited. This 3 rd party Verification Opinion has been prepared for Granules India Limited only for the purposes of verifying its statement relating to its GHG emissions more particularly described in the scope above. It was not prepared for any other purpose. In making this Statement, BSI Group India Pvt. Ltd., has assumed that all information provided to it by Granules India Limited is true, accurate, and complete. BSI Group India Pvt. Ltd. accepts no liability to any third party who places reliance on this statement.	

Certificate Number and date of issuance of opinion: CFV 811911, 15/10/2024

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Verification Engagement

Organization	Granules India Limited.
Responsible party	Granules India Limited.
Verification Objectives	<p>To express an opinion on whether the organization’s GHG Statement for scope 3 emissions only, which is historical in nature:</p> <ul style="list-style-type: none"> • Is accurate, materially correct, and is a fair representation of scope 3 GHG emission data and information. • Has been prepared in accordance with ISO14064-1:2018, and with reference to GHG protocol (Corporate Value Chain (Scope 3) Accounting and Reporting Standard and its Supplement) the criteria used by BSI to verify the GHG Organizational Statement.
Materiality Level	10%
Level of Assurance	Limited
Verification evidence-gathering procedures	<ul style="list-style-type: none"> • Evaluation of the monitoring and controls systems through interviewing employee’s observations & inquiries. • Verification of the scope 3 GHG emission data through sampling recalculation, retracing, cross-checking, and reconciliation. • Data has been verified through manual consumption logs, SAP records, vendor service reports, invoices, calibration reports, etc.
Verification Standards	The verification was carried out in accordance with ISO 14064-3:2019, ISO 14065:2020 and ISO 17029:2019
<p>Note: Granules India Limited is responsible for the preparation and fair presentation of the GHG statement and report in accordance with the agreed criteria. BSI Group India Pvt Ltd is responsible for expressing an opinion on the GHG statement based on the verification.</p>	

Organizational GHG Statement

Organization		Granules India Limited.
Organizations GHG Report containing GHG Statement		GHG Inventory Report FY 2022-2023 dated 31/09/2024
Organizational Boundary		Operational Control
Locations included in the Organizational Reporting Boundary		See Appendix A
Scope of activities:		"Manufacturing and commercialization of active pharmaceutical ingredients (APIs), pharmaceutical formulation intermediates (PFIs), and finished dosages (FDs)".
	Direct GHG Emissions / (Scope 1)	<ul style="list-style-type: none"> Not within the scope of verification.
	Indirect GHG Emissions from imported energy / (Scope 2)	<ul style="list-style-type: none"> Not within the scope of verification.
	Other Indirect GHG emissions from transportation / (Scope 3)	<ul style="list-style-type: none"> GHGs from transportation of goods from tier 1 suppliers and between organization facilities, in non-organization vehicles. GHGs from business travel of employees, in vehicles not owned/operated by the organization. GHGs from employees commuting to worksites, in non-organization vehicles. GHGs from the downstream transportation of finished products, in unowned vehicles.
	Other Indirect GHG emissions from products used by an organization / (Scope 3)	<ul style="list-style-type: none"> Carbon footprint of purchased goods and services. Carbon footprint of purchased capital goods/assets. GHGs from fuel and energy-related extraction, production, and transportation. GHGs from transportation, disposal, and treatment of organization waste by third parties. GHGs from the operation of upstream assets leased to others (lessees).
	Other Indirect GHG emissions associated with the use of products from the organization / (Scope 3)	<ul style="list-style-type: none"> GHGs from the processing of intermediate products sold by the organization to manufacturers. GHGs from the end-of-life waste disposal and treatment of sold products.
	Other Indirect GHG emissions from other sources / (scope 3)	<p>As reported by the organization, the following GHG emission categories are not applicable:</p> <ul style="list-style-type: none"> GHGs from the operation of downstream assets leased to others (lessees). GHGs from the operation of franchises. GHGs from the operation of equity investments.

<p>Exclusions from Reporting Boundary:</p>	<p>The organization had excluded the following GHG emission sources from its GHG inventory list.</p> <ul style="list-style-type: none"> • GHG emissions from WTT-business-air travel of employees, have been excluded by the client, because of Immateriality or Insignificance which contributes less than 1% of total emissions for FY 22-23. • GHG emissions from WTT-business-train travel of employees have been excluded by the client, because of Immateriality or Insignificance which contributes less than 1% of total emissions for FY 22-23. • GHG emissions from WTT-business-land (car and bus) travel of employees have been excluded by the client, because of Immateriality or Insignificance it contributes less than 1% of total emissions for FY 22-23. • GHG emissions from WTT-passenger vehicles-land (Two-wheeler, four-wheeler, Bus, Metro) travel of employees have been excluded by the client, because of Immateriality or Insignificance it contributes less than 1% of total emissions for FY 22-23. • GHG emissions from WTT-delivery vehicles-land for both upstream and downstream transportation of goods have been excluded by the client, because of Immateriality or Insignificance it contributes less than 1% of total emissions for FY 22-23. • GHG emissions from WTT-delivery vehicles-air for both upstream and downstream transportation of goods have been excluded by the client, because of Immateriality or Insignificance it contributes less than 1% of total emissions for FY 22-23. • GHG emissions from WTT-delivery vehicles-sea for both upstream and downstream transportation of goods have been excluded by the client, because of Immateriality or Insignificance it contributes less than 1% of total emissions for FY 22-23. • GHG emissions from end use of products sold by the organization have been excluded because of the non-availability of activity data sets. • GHG emissions from employees working from home have been excluded by the client because of the non-availability of activity data sets.
<p>Criteria for developing the organizational GHG Inventory:</p>	<p>ISO14064-1:2018 and GHG protocol (Corporate accounting and reporting standard and corporate value chain scope 3 standard).</p>
<p>Reporting Period</p>	<p>1st April 2022 to 31st March 2023</p>

GHG Emissions Summary as per ISO 14064-1:2018 for FY 2022-2023:

Category	GHG Emission Sources Description	Total
		TCO _{2e}
Category 3	Indirect GHG Emissions from Transportation.	36060
Category 4	Indirect GHG emissions from products used by an organization.	538459
Category 5	Indirect GHG emissions associated with the use of products from the organization.	50717
Category 6	Indirect GHG emissions from other sources.	-
	Total GHG Emissions	625236

GHG Emissions Summary as per GHG Protocol for FY 2022-2023:

Category of Scope 3	GHG Emission Sources Description	GIL	Subsidiaries	Total (TCO _{2e})
		TCO _{2e}	TCO _{2e}	
Category 1	Carbon footprint of purchased goods and services.	495807	882	496689
Category 2	The carbon footprint of purchased capital goods/assets.	4705	465	5170
Category 3	GHGs from fuel- and energy-related extraction, production, and transportation.	26788	403	27191
Category 4	GHGs from transportation of goods from tier 1 suppliers and between organization facilities, in non-organization vehicles.	8393	33	8426
Category 5	GHGs from transportation, disposal, and treatment of organization waste by third parties.	2992	1625	4617
Category 6	GHGs from business travel of employees, in vehicles not owned/operated by the organization.	295	37	332
Category 7	GHGs from employees (including contractors and consultants) commuting to worksites, in non-organization vehicles.	1476	314	1790
Category 8	GHGs from the operation of upstream assets leased to others (lessees).	587	4205	4792
Category 9	GHGs from the downstream transportation of finished products, in unowned vehicles and facilities.	22381	3131	25512
Category 10	GHGs from the processing of intermediate products sold by the organization to manufacturers.	46658	-	46658

Category 12	GHGs from the end-of-life waste disposal and treatment of sold products.	4031	28	4059
Total Other Indirect GHG Emissions.		614113	11123	625236

Appendix A

1. Head office: 2nd Floor, Block III, My Home Hub, Madhapur, Hyderabad – 500081
2. Finished Dosage Unit: 160/A, 161/E, 162 & 174/A, Gagillapur Village, Dundigal Gandimaisamma Mandal, Medchal-Malkajgiri District – 500 043, Telangana State.
3. API Unit – I: Sy. No. 533, 535, 536, 537 Temple Road, Bonthapally Village, Gummadidala Mandal, Sangareddy District – 502 313, Telangana State, India
4. API Unit – II: Plot No. 15A/1, Phase III, IDA Jeedimetla, Qutbullapur Mandal, Medchal-Malkajgiri District, Hyderabad – 500 055, Telangana State, India.
5. API Unit – III: Sy.No.216, Bonthapally Village, Gummadidala Mandal, Sangareddy District – 502 313, Telangana State, India.
6. API Unit – IV: Plot No 8, J.N. Pharma City, Tadi Village, Parawada Mandal, Anakapalli District – 531 019, Andhra Pradesh, India.
7. API Unit – V: Plot No. 30, J. N. Pharma City, Parawada Mandal, Anakapalli District – 531 019, Andhra Pradesh, India
8. R&D Unit -1: Plot No. 56, Road No. 5, ALEAP Industrial Area, Pragathi Nagar, Gajularamaram Village, Qutbullapur Mandal, Medchal-Malkajgiri District, Hyderabad – 500 072, Telangana State, India.
9. R&D Unit -2: Survey Nos. 234/1 to 4 and 6 to 7, 235 /6 to 9 and 245/1 to 3, India Land Global Industrial Park, Hinjewadi Phase -1, Mulshi Taluka, Pune District – 411 057, Maharashtra State, India
10. R&D Unit -3: H.No.5-33, Sy No.352, Plot No. 8, Road No. 2, ALEAP Industrial Area, Pragathi Nagar, Gajularamaram village, Qutbullapur Mandal, Medchal- Malkajgiri District, Hyderabad – 500 072, Telangana State, India.
11. R&D Unit -4: Lab No: 11 & 13, Building No:1800, Sy No. 101,101/2 & 340, M. N. Park, Genome Valley, Lalgadi Malakpet Village, Shameerpet Mandal, Medchal- Malkajgiri District, 500 078, Telangana State, India.
12. GRANULES USA INC: 35 Waterview Blvd., 3rd Floor, Parsippany, NJ - 07054, USA.
13. GRANULES PHARMACEUTICALS INC: 3701 Concorde Parkway, Chantilly, VA - 20151, USA
14. Granules Life Sciences Private Limited: Sy.Nos. 325-326, 333- 336, 340-346, Lalgadimalakpet, Medcal-Malkajgiri district 500078, Telangana, India
15. Granules CZRO Private Limited: PLOT No. 120, 121(Part), Visakha Pharmacity Limited -SEZ, Jawaharlal Nehru Pharma City, Parwada Mandal, Anakapalle District, Andhra Pradesh, India.