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GHG Verification Report

CONCORD BIOTECH

Biotech for Mankind...

Concord Biotech Limited

Reporting Period: 01-04-2024 to 31-03-2025



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Verification Report

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1 Introduction

Concord Biotech Limited is a R&D Driven Biopharma Company That Manufactures Active Pharmaceutical Ingredients (API) Through Fermentation & Semi-Synthetic Process and Finished Formulations. Concord, Founded in The Year 2000 Has Transformed from A Single-Product Company to A Broad-Spectrum Solution Provider, Offering Products Across Diversified Therapeutic Segments. Concord Is Globally Known for Its Products and Has a Presence in More Than 70 Countries Worldwide with Efficient Distribution Infrastructure in Markets Like The USA, Europe, Japan, Latin America, Africa, Asia, Besides Significant Presence in Indian Market. Concord Is Actively Expanding Its Horizons by Partnering with Leading Global Pharmaceutical Companies by Meeting Their Product Development Needs for APIs & Finished Formulations.

Our Vision & Mission

Vision

Create products through biotechnology route and service offering that enrich the lives of people by continually building on our expertise in biotechnology.

Mission

We strive to be a global power in the field of biotechnology-based products through research and development to create sustainable earnings growth and to establish long-term business success. we continue to reinforce our commitment to safety, health and environment. we endeavor for an environment where creativity and effectiveness are encouraged with the technologies for the niche market. For more details please visit our website www.concordbiotech.com

2 Scope

The scope of the verification was to provide an independent and objective review of the information contained in the “Carbon Footprint Assessment Report” and “(CFP Data Collection Sheet)” (hereafter referred to as the “GHG documentation”).

The verification is not meant to provide any consulting towards the client. However, documented findings may provide input for improvement of the future GHG reporting.

3 Objectives of Verification

The objectives of the verification are as follows:

- To determine the accuracy of the information reported in organization GHG documentation for reporting period between 01-04-2024 to 31-03-2025.
- To assess the completeness of the coverage of reporting for Scope 1 & 2 emissions.
- To determine whether the methodology used to calculate the emissions avoidance is correct and all assumptions chosen are appropriate, reasonable and/or accurate.
- To verify and certify reported GHG emissions of the company.

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4 GHG Reporting Criteria

The GHG reporting criterion follows The Greenhouse Gas Protocol - A Corporate Accounting and Reporting Standard (Revised Edition).

5 Verification Criteria and Level of Assurance

The verification criteria followed is ISO 14064-3:2019 Specification with guidance for the validation and verification of greenhouse gas assertions.

The level of assurance provided is limited level.

6 Verification Team

Verification Team Leader: Mr. Avinash Salvi
Verification Team Member: Mr. Shreyash Prajapati

7 Confidentiality

The members of the verification team from RSMC, have given undertakings to not disclose any confidential information that may have been provided to them by CBL during the verification process, including information contained in this verification report, to any third party, without the approval of CBL unless such disclosure is required by law. If required by law, CBL will be informed of the information disclosed.

8 Disclaimer

The verification has been based on the information provided for the reporting year 2024-2025 i.e. 01-04-2024 to 31-03-2025 only.

This year inventory will act as their base year emissions.

Being a limited level of assurance, the engagement risk was limited to a level that is acceptable in the circumstances of the engagement but also planned to obtain a level of assurance that is, in the verifier's professional judgement, meaningful. To be meaningful, the level of assurance is likely to enhance the intended user's confidence about the subject matter information to a degree that is clearly more than inconsequential (as defined in ISAE 3000 standard).

9 Methodology

The verification process consisted of the following phases:

- Off-site data review and validated as per scope and category wise sources data provided by CBL.



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- Verification audit planning.
- Based scope and category wise sources data provided on-site visited to CBL locations at Unit-I, Unit-II, Unit-III and Head Office for verification on supporting objective evidence which included interviews with relevant personnel.
- Preparation and issuance of verification audit findings.
- Review of addressal of findings and resolution
- Resolution of outstanding issues; and
- Issuance of final verification report.

Duration of Verification

The verification of the GHG documentation was carried out as follows:

Sr. No.	Activity	Periods
1.	Data Review (Offsite)	17-11-2025 to 19-11-2025
2.	Data Verification (Onsite)	21-11-2025 to 22-11-2025
3.	Calculation and Review after Corrections (Onsite)	08-12-2025 to 10-12-2025
4.	Internal Review, Preparation of Verification Report and Issuance Certificate of Conformance	15-12-2025

The following list of the documents were reviewed and referred during the verification:

- GHGs – Greenhouse Gases Emission – Carbon Footprint CO2 Data Calculation Sheet.
- Supporting documents and objective evidence on activity data presented in the GHG report.
- GHG Emission Factors for Company Reporting.
- WRI GHG Protocol
- Intergovernmental Panel on Climate Change - IPCC Report AR6
- Central Electricity Authority (CEA) User Guide Version 21.0 November 2025
- LSHS technical specification – Bharat Petroleum - MR_LSHS.pdf
- DEFRA Emissions Factors Toolkit version 1.1 Year 2024



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10 Report on Findings

10.1 Organizational and Reporting Boundaries

CBL applies an operational control approach to boundary-setting, assigning all emissions from activities it controls including those undertaken by contractors. The operational boundary is set based on categories of GHG-producing activities within the organizational boundary, defined by CBL. The quantification of the GHG emissions boundaries is included as per defined the following location:

Organization	Concord Biotech Limited
Registered Office & Unit-I	1482-1486, Opp. Cadila Pharma, Trasad Road, Dholka, Ahmedabad - 382225. Gujarat, India.
Unit-II	Block No. 297-298/2P, Siyawada, At. Valthera, Ta. Dholka, Dist Ahmedabad - 382225, Gujarat, India.
Unit-III	Plot No. 84 & 668, Ranasar Malawada, Ta. Matar, Limbasi - Sojitra Road, Dist. Kheda - 387520. Gujarat, India.
Head Office	16 th Floor, B-Wing, Mondeal Heights, Iscon Cross Road, S.G Highway, Ahmedabad - 380015. Gujarat, India.

10.2 Organizational Scope and Exclusion

Boundaries	Scope-1 Direct	Scope-2 Indirect	Scope-3 Indirect / Other	Acceptability of exclusion (Reason)
Registered Office & Unit-I	Stationary Combustion, Mobile Combustion, Fugitive Combustion	Grid Electricity	Excluded Employee Travelling, Upstream and downstream	It was a management decision to exclude Scope 3 emissions
Unit-II	Stationary Combustion, Mobile Combustion, Fugitive Combustion	Grid Electricity		
Unit-III	Stationary Combustion, Mobile Combustion, Fugitive Combustion	Grid Electricity		
Head Office	Stationary Combustion, Mobile Combustion, Fugitive Combustion	Grid Electricity		

It can be confirmed that the reporting only accounts for Scope 1 and Scope 2 emissions. It has also been verified that there were neither GHG sinks nor reservoirs included within the operational boundaries of Organization. And there were no emissions from the use of biomass in facility. Hence, these emissions had been omitted from the GHG inventory and documentation.



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10.3 Reporting Period

(Chapter 9 of GHG protocol)

The reporting period covers from 01-04-2024 to 31-03-2025

10.4 Base Year

(Chapter 9 of GHG protocol)

Base year chosen by the organization	01-04-2024 to 31-03-2025
Was there any base year re-calculation (Yes/No)	No
If yes, acceptability of the reason of the re-calculation	Not Applicable
Comparison of current emissions with base year emissions	Current year is chosen as inaugural base year, so no comparison.
Justification given by the for the change, why it was acceptable	Not Applicable

10.5 Methodology, GHG Data and Emission Factors

GHG Scopes	Activity Data	Primary Data Source	Secondary Data Source (EF)	Remarks on Uncertainty/ Risk of the Source
Scope-1 Direct	Stationary Combustion	Supplier Invoice, Daily Consumption Records	As per DEFRA GHG Emissions Factors Toolkit v1.1 Year 2024	Since the primary data source is measured at the site level and emission factors are from reputed sources, the uncertainty is found to be minimum.
	Mobile Combustion	Supplier / Agency Bill and Service Report		
	Fugitive Combustion	Goods Received Note, Service Report, Refilling Records		
Scope-2 Indirect	Grid Electricity	Meter Reading Logbook & Electricity Bill	Central Electricity Authority - CEA Report Version 21.0 November 2025	Since the primary data source is measured at the site level and emission factors have been taken from published and updated sources, the uncertainty is found to be minimum

10.6 Calculation of GHG Emissions and Removals

From the review of the information reported in the GHG report and with the reference to verifiable and acceptable data as reported in the GHG report, it can be concluded that the calculation of GHG emissions has been carried out in accordance with the quantification methodology as specified in section 10.5 of the GHG report. The final GHGs emission from the identified sources were summarized as follows:



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Concord Biotech Limited – Unit-I				
GHG Scopes	Category	GHG Sources	Total Consumption	GHG Emissions (tCO ₂ e)
Scope-1 Direct	Stationary Combustion	LPG Gas Cylinders Consumption - Canteen	6137 Kgs	9.55610681
		Diesel consumption - DG set	8336 Ltrs	22.1866808
		Diesel consumption - Fire Pump	24 Ltrs	0.0638772
		Furnace Oil consumption - Boiler	3938946 Ltrs	12505.87782
	Mobile Combustion	Vehicle Diesel Consumption Ambulance GJ38T7723)	185 Ltrs	0.49238675
		Vehicle Petrol Consumption (Ertiga GJ38BF6630)	1204 Ltrs	2.83387888
		Vehicle Petrol Consumption (Alto GJ38BB6630)	1737 Ltrs	4.08841164
	Fugitive Combustion	Refrigerants Gase Consumption - R22 (AHU & Chiller)	750.96 Kgs	1321.6896
		Refrigerants Gase Consumption - R404A	160 Kgs	630.88
		Refrigerants Gase Consumption - R410A	42.96 Kgs	82.65504
		Refrigerants Gase Consumption - R407C	140.48 Kgs	228.13952
		Refrigerants Gase Consumption - R32/HFC 32 (AHU)	22.175 Kgs	15.012475
		Refrigerants Gase Consumption - 134a	2.7 Kgs	3.51
		DCP Type Fire Extinguisher	0 Kgs	0
		ABC Powder Type Fire Extinguisher	29 Kgs	0
	CO2 Type Fire Extinguisher	4.5 Kgs	0.0045	
Scope-2 Indirect	Grid Electricity		31999680 KWH	22719.7728
Others	GHG's Removals / Sinks	Renewable Electricity	0 KWH	NA
		Tree Plantation	943 Nos	NA
	Production	Production APIs	142.13798 MT	NA
Scope-1 Direct GHG Emissions (tCO ₂ e)				14826.99
Scope-2 Indirect GHG Emissions (tCO ₂ e)				22719.77
Total GHG Emissions (tCO ₂ e)				37546.76
Production in MT				142.13798
GHG Emissions Per Ton Production (tCO ₂ e/MT)				264.1571458



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Concord Biotech Limited – Unit-II				
GHG Scopes	Category	GHG Sources	Total Consumption	GHG Emissions (tCO ₂ e)
Scope-1 Direct	Stationary Combustion	LPG Gas Cylinders Consumption - Canteen	5952 Kgs	9.26803776
		Diesel consumption - DG set	21685 Ltrs	57.71571175
		Diesel consumption - Fire Pump	60 Ltrs	0.159693
		LSHS Oil - Boiler	534552 Ltrs	1472.909926
		LPG Gas Cylinders Consumption - Canteen	5952 Ltrs	9.26803776
	Mobile Combustion	Diesel consumption (Bolero GJ38T0487 + GJ38BH6487)	898.18 Ltrs	2.390550979
		Petrol (Ecco GJ38BF1562 + Ambulance GJ38TA4658 + GJ38T8450)	1002.01 Ltrs	2.358450977
		CNG (Ecco GJ38BF1562)	716.6576923 Kgs	0.3220803
	Fugitive Combustion	Refrigerants Gas Consumption - R22 (AHU & Chiller)	14.35 Kgs	25.256
		Refrigerants Gas Consumption - R404A	0 Kgs	0
		Refrigerants Gas Consumption - R410A	118.26 Kgs	227.53224
		Refrigerants Gas Consumption - R407C	0 Kgs	0
		Refrigerants Gas Consumption - R32/HFC 32 (AHU)	0 Kgs	0
		Refrigerants Gas Consumption - R134a	0 Kgs	0
Refrigerants Gas Consumption - R290		0 Kgs	0	
DCP Type Fire Extinguisher		0 Kgs	0	
ABC Powder Type Fire Extinguisher		138 Kgs	0	
CO ₂ Type Fire Extinguisher	65 Kgs	0.065		
Scope-2 Indirect	Grid Electricity		18227485 KWH	12941.51435
Others	GHG's Removals / Sinks	Renewable Electricity	0 KWH	NA
		Tree Plantation	100 Nos	NA
	Production	Production APIs	102.363 MT	NA
Scope-1 Direct GHG Emissions (tCO ₂ e)				1797.978
Scope-2 Indirect GHG Emissions (tCO ₂ e)				12941.51
Total GHG Emissions (tCO ₂ e)				14739.49
Production in MT				102.363
GHG Emissions Per Ton Production (tCO ₂ e/MT)				143.9923805



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Concord Biotech Limited – Unit-III				
GHG Scopes	Category	GHG Sources	Total Consumption	GHG Emissions (tCO2e)
Scope-1 Direct	Stationary Combustion	PNG Gas Consumption (Canteen)	7161.98 SCM	14.64925713
		PNG Gas Consumption - Boiler	4310786.61 SCM	8817.369148
		PNG Gas Consumption - Laboratory	204.24 SCM	0.417756581
		Diesel consumption - DG set	8.338 Ltrs	22.1920039
		Diesel consumption - Fire Pump	0.018 Ltrs	0.479079
		Diesel consumption - Boiler	17.1 Ltrs	45.512505
	Mobile Combustion	Vehicle Diesel consumption (Vehicles as per Sheet)	8272.67 Ltrs	22.01812484
		Vehicle Petrol consumption (Vehicles as per Sheet)	3956 Ltrs	9.31131632
		Vehicle CNG consumption (Vehicles as per Sheet)	0 Kgs	0
	Fugitive Combustion	Refrigerants Gas Consumption - R22 (AHU & Chiller)	0 Kgs	0
		Refrigerants Gas Consumption - R404A	6.5 Kgs	25.6295
		Refrigerants Gas Consumption - R410A	42.3 Kgs	81.3852
		Refrigerants Gas Consumption - R407C	0 Kgs	0
		Refrigerants Gas Consumption - R32/HFC 32 (AHU)	8.2 Kgs	5.5514
		Refrigerants Gas Consumption - R134a	0 Kgs	0
		Refrigerants Gas Consumption - R209	0 Kgs	0
		DCP Type Fire Extinguisher	0 Kgs	0
		ABC Powder Type Fire Extinguisher	418 Kgs	0
		CO2 Type Fire Extinguisher	85.5 Kgs	0.0855
Scope-2 Indirect	Grid Electricity		33271860 KWH	23623.0206
Others	GHG's Removals / Sinks	Renewable Electricity	0 KWH	NA
		Tree Plantation	895 Nos	NA
	Production	Production APIs	113.020 MT	NA
Scope-1 Direct GHG Emissions (tCO2e)				9044.601
Scope-2 Indirect GHG Emissions (tCO2e)				23623.02
Total GHG Emissions (tCO2e)				32667.62
Production in MT				113.020
GHG Emissions Per Ton Production (tCO2e/MT)				289.0428366



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Concord Biotech Limited – Head Office				
GHG Scopes	Category	GHG Sources	Total Consumption	GHG Emissions (tCO ₂ e)
Scope-1 Direct	Stationary Combustion	LPG Gas Consumption (Canteen)	0 SCM	NA
		Diesel consumption - DG set	0 Ltrs	NA
		Diesel consumption - Fire Pump	0 Ltrs	NA
	Mobile Combustion	Vehicle Diesel consumption	0 Ltrs	NA
		Vehicle Petrol consumption	0 Ltrs	NA
		Vehicle CNG consumption	0 Ltrs	NA
	Fugitive Combustion	Refrigerants Gas Consumption - R22 (AHU & Chiller)	0 Kgs	NA
		Refrigerants Gas Consumption - R404A	0 Kgs	NA
		Refrigerants Gas Consumption - R410A	0 Kgs	NA
		Refrigerants Gas Consumption - R407	0 Kgs	NA
		Refrigerants Gas Consumption - R32/HFC 32 (AHU)	0 Kgs	NA
		Refrigerants Gas Consumption - R134A	0 Kgs	NA
		Refrigerants Gas Consumption - R209	0 Kgs	NA
		DCP Type Fire Extinguisher	0 Kgs	NA
ABC Powder Type Fire Extinguisher		0 Kgs	NA	
CO ₂ Type Fire Extinguisher	0 Kgs	NA		
Scope-2 Indirect	Grid Electricity - 1601		64324 KWH	45.67004
	Grid Electricity - 1602		90694 KWH	64.39274
Others	GHG's Removals / Sinks	Renewable Electricity	0 KWH	NA
		Tree Plantation	0 Nos	NA
	Production	Production APIs	NA	NA
Scope-1 Direct GHG Emissions (tCO ₂ e)				NA
Scope-2 Indirect GHG Emissions (tCO ₂ e)				110.0628
Total GHG Emissions (tCO ₂ e)				110.06278
Production in MT				NA
GHG Emissions Per Ton Production (tCO ₂ e/MT)				NA



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11 Management System and Quality Assurance

From the assessment carried out by the verification team, it was found that the overall approach used to calculate the GHG emissions were technically sound as it was traceable to known standard and reference. All findings noted during the verification process have been duly corrected.

12 Opportunities for Improvement

Following are the areas for improvement which need to be taken into consideration in the future reporting:

- Scope 3 emissions, along with all its relevant categories to be included in future calculations of GHG inventories.
- GHG emission reduction initiatives Science Based Targets initiative (SBTi) should be taken with suitable timeframe.
- Transition to cleaner energy sources to Investment in renewable energy (solar, wind)
- To development green belt
- In future need to procure and installation of energy efficient equipment / machine
- Use or convert of mobile combustion diesel / petrol vehicle in to CNG / electrically operated vehicles and management of transport demand
- Adopt advance technology / equipment to optimize process / reduction of process loss / rejection / energy saving
- Maintain power per ton production data



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13 Abbreviation

CO2	Carbon dioxide
tCO2e	Tone CO2 Equivalent
MT	Metric Tone
EF	Emission Factor
GHG	Greenhouse Gas(es)
GWP	Global warming potential
IPCC	Intergovernmental Panel on Climate Change
CEA	Central Electricity Authority
DEFRA	Department for Environment, Food and Rural Affairs
kWh	Kilowatt-hours
ISO 14064-3	ISO 14064-3:2019 Specification with guidance for the validation and verification of greenhouse gas assertions
CBL	Concord Biotech Limited
RSMC	R-Square Management Consultant

Report Prepared By



RSMS– Nadiad

GHG Accounting Lead Verifier – Avinash Salvi