



# Certificate

Certificat

Report no.: (TH23-116 / Version 1)

## Greenhouse Gas Verification Report Opinion

THGHGP23116-00

Verification scope: SCINOPHARM TAIWAN  
NO.1, NAN-KE 8TH RD., SHAN-HUA, TAINAN 741014, TAIWAN  
☒ The information of other sites are listed on the subsequent page.

Verification criteria: The Greenhouse Gas Protocol-A Corporate Accounting and Reporting Standard(Revised Edition)

Verification Objectives : AFNOR Asia confirms that the above-mentioned organization's GHG statement (GHG inventory report) is conducted and reported in accordance with the verification criteria agreed by both parties. AFNOR performs the verification in an objective and impartial position and based on principles (relevance, completeness, consistency, accuracy, transparency).

Data period : 2023/01/01 to 2023/12/31 (The data is historical data.)

Verification Data :	Direct GHG emissions (scope 1):	10,945.6495	tons CO <sub>2</sub> e
	Energy indirect GHG emissions (scope 2):	26,854.1980	tons CO <sub>2</sub> e
	Indirect GHG emissions (scope 3):	27,169.6171	tons CO <sub>2</sub> e

Global warming potential (GWP) : refer to IPCC 2021 Year, the 6 assessment report .

Statement basis : This statement must be interpreted in conjunction with the following content as a whole.

GHG Inventory report (version : 2	; Date : 12 09, 2024	)
GHG Inventory (version : 2	; Date : 12 09, 2024	)

Type of opinion : ☒unqualified ☐qualified (see the subsequent page ) ☐disclaim the issuance

Verification conclusion: Confirm that the organization submits a GHG statement in accordance with the requirements of the verification criteria agreed upon by both parties, and presents GHG data and related information in an unbiased manner, consistent with the scope, objectives and criteria of the verification agreed upon by both parties.  
Declares that the reasonable assurance level of the inventory data is category 1 and category 2.

Date of issuance: 2025/01/16

APPROVED BY

Steven Huang  
Director for Certification  
ON BEHALF OF  
AFNOR ASIA

113-2024/00

Report no.: (TH23-116 / Version 1)

**The Geographical Location of Multiple Sites :**

Site	Address
Office	Rm. 2, 7F., No. 129, Sec. 2, Zhongshan N. Rd., Zhongshan Dist., Taipei City 104415 , Taiwan
factory	No. 16, Dong Zhou Rd., Economic Development Zone, Changshu, Jiangsu, China 215513
Office	Room 502-503, Building No.2, Uni-President Building, No. 568 Tianshan west Rd. Changning Disct., Shanghai, China 200335

**Emissions data for each category :**

Scope	Description of content	GHG emissions (tons CO <sub>2</sub> e)	Note
Scope 1	Stationary emissions, Mobile emissions, Process emissions, Fugitive emissions	10,945.6495	
Scope 2	Indirect emissions from purchased Electricity Outsourced steam	26,854.1980	Location-based
Scope 3	Category 1-15	27,169.6171	

Scope	Description of content	GHG emissions (tons CO <sub>2</sub> e)	Note
Category1 Purchased goods	Upstream emission for business	7804.9249	
Fuel and energy	Upstream emission for Tap water, electricity, natural gas, diesel, gasoline	13398.4889	
Upstream transport and distribution	Upstream transport emissions	40.5669	
Waste generated from operations	Waste treatment and transport	4747.2556	
Business travel	Airplane	117.3107	
Employee commuting	Employee commuting	990.2193	
Downstream transport and distribution	Downstream transport and distribution.	70.8508	

Biomass burning emission: 0.0000 tons CO<sub>2</sub>e

Report no.: (TH23-116 / Version 1)

Data for Multiple Sites :

Emission unit: tons CO<sub>2</sub>e

Site	Direct GHG emissions (Category 1)	Indirect GHG emissions from energy (Category 2)	Indirect GHG emissions (Category 3~6)
Tainan Factory + Taipei Office	6842.5742	17068.1807	10597.7430
Changshu Factory + Shanghai Office	4103.0753	9786.0173	16571.8741

Other related verification information

Organization boundaries:	Operational control
GHG type :	Carbon dioxide (CO <sub>2</sub> ), Methane (CH <sub>4</sub> ), Nitrous oxide (N <sub>2</sub> O), Hydrofluorocarbon (HFCs), Perfluorocarbon (PFCs), Sulfur hexafluoride (SF <sub>6</sub> ), Nitrogen trifluoride (NF <sub>3</sub> )
Purpose of intended use:	Voluntarily understanding the status of greenhouse gas emissions as a basis for reduction strategies. (This statement of responsibility applies only to the purpose of intended use mentioned above and not to any other purpose.)
Purchased power factor:	Taiwan area refer to the 2023 annual power factor announced by the Energy Administration, Ministry of Economic Affairs on 04 26, 24 China area refer to the 2021 annual power factor announced by the Energy Administration, Ministry of Economic Affairs on 04 12, 24
Purchased steam factor :	Rrefer Steam Coefficient of Greenhouse Gas Emissions Accounting Methods and Reporting Guidelines for Enterprises in Other Industrial Industries
Data Sources :	Category 1&2 are the primary data collected from on-site operation actives. Category 3 is the secondary data sourced from Carbon Footprint Information Platform, SimaPro 9.6, ecoinvent 3.10, CNPC carbon footprint, Chinese product life cycle greenhouse gas emission coefficient library.
Verification method:	<input checked="" type="checkbox"/> On-site
Qualified opinion :	No
Others :	No
Verification date :	11 03, 2024 11 07, 2024 11 25, 2024 11 26, 2024 12 09, 2024
Report date :	12 09, 2024

Report no.: (TH23-116 / Version 1)

## Verification team and technical review

Lead verifier : **SHIH-TING TSENG** Signature: *Shih-Ting Tseng*

Verifier : **Chi-Chang Lin** Signature: *Chi-Chang Lin*

**Roy Tian** *Roy Tian*

**Mendy Wang** *Mendy Wang*

**C , Kuang** *C. Kuang*

Independent review : **Wen-Chin Tsai** Signature : *Wen-Chin Tsai*

## Verification processes

AFNOR is based on a risk assessment methodology and controls, and the evidence gathering process includes: pre-assessments, on-site visits, interviews with site personnel, confirmation of documentary evidence provided, sampling of emission data, evaluation of data management systems, confirmation of emission data collection and aggregation, analysis between production and energy consumption, and confirm that the terms of the referenced agreements are being properly applied.

## Roles and Responsibilities

The responsible party, the organization, is responsible for preparing and submitting a GHG statement in accordance with the verification criteria. This responsibility includes the planning, implementation and maintenance of data management systems related to GHG declarations, GHG inventory and GHG inventory reports.

AFNOR provides independent third-party verification of the reported GHG emissions and issues a verification opinion of the organizational GHG emissions for this verification. The verification team is independent and impartial, and there is no conflict of interest.