

Statement No.: EN/RMSC/PCFV/2025/04/008

Product Carbon Footprint Verification Statement

This statement is issued to:

HEJIAN TECHNOLOGY (SUZHOU) CO., LTD

Company Address: No.333, Xing Hua Street, Suzhou Industrial Park,
Suzhou Area, China (Jiangsu) Pilot Free Trade Zone, P.R. China.

Factory Address: No.333, Xing Hua Street, Suzhou Industrial Park,
Suzhou Area, China (Jiangsu) Pilot Free Trade Zone, P.R. China.

Submitted report for this verification is 8 inch wafer PCF report

Declared Unit / Functional Unit:
Product Carbon Footprints of an 8 inch wafer from cradle to gate
is 254.83 kg CO₂e

The PCF report and supporting documents for above mentioned product has been provided by the company and reviewed by SGS as in accordance with ISO 14040:2006 Environmental management – Life Cycle Assessment – Principles and Framework, ISO 14044:2006 Environmental management – Life Cycle Assessment – Requirements and Guidelines, and refer to ISO 14067:2018 Greenhouse gases – Carbon footprint of products – Requirements and guidelines for quantification.

This verification statement shall be used to the above 8 inch wafer PCF report (report no.: PCFV/2025/04/008) as an integral explanation.

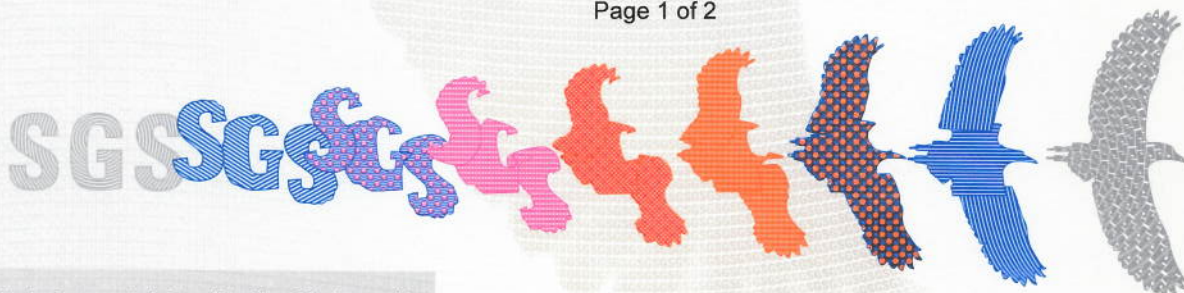
Signed by

Chris Chen

Issue Date: 19/05/2025
Green Product Service
Voluntary Product Certification Centre

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This PCF reasonable assurance statement also includes below contents:

Life Cycle Stage	Carbon Footprint (Unit: kg CO ₂ eq)
Raw Material Acquisition	82.36
Manufacture	172.47
Total	254.83
Product Description:	HeJian 8 inch wafer
System Boundary:	The Life cycle stages of from cradle to gate which included raw material acquisition, transportation and manufacturing processes.
Data Collection:	Data collected for this PCF calculation and reporting was from 01/01/2024 to 12/31/2024.
Data Source:	Primary data was collected from raw material and manufacturing site of the product, secondary data was from 100-year global warming potentials defined by the Intergovernmental Panel on Climate Change (IPCC 2021, Table 7.SM.7), and life cycle database Ecoinvent 3.8.
Allocation:	Physical properties.
Cut-off Rules:	Cutoff in this study include: Based on input/output share: for common material weight <1% product weight, the upstream production data for the material is ignored, but the total cutoffed product input share does not exceed 5%. Based on the weight of potential environmental impacts: estimate with similar inputs and exclude inputs/outputs with less actual impacts.
PCF Report:	The PCF report was submitted by the listed company on 16/05/2025 and verified by SGS to its materially accuracy. The data information of the verified product was authentically revealed, and the quantifying, monitoring and reporting were in accordance with ISO 14067:2018, ISO 14040:2006 and ISO 14044:2006 standards requirements.

Signed by



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