

Opinion Statement

Greenhouse Gas Emissions Verification Opinion Statement

This is to verify that: Panion & BF Biotech Inc.
16F.
No. 3, Park St.
Nangang Dist.
Taipei City
115603
Taiwan

寶齡富錦生技股份有限公司
臺灣
台北市
南港區
園區街 3 號
16 樓
115603

Holds Statement No: GHGEV 819149
Verification opinion statement

As a result of carrying out verification and validation procedures in accordance with ISO 14064-3:2019, it is the statement for mixed engagement including reasonable assurance for verification activity as well as validation and agreed-upon procedures (AUP) contains the following:

- The Greenhouse Gas Emissions with Panion & BF Biotech Inc. for the period from 2024-01-01 to 2024-12-31 was verified and validated.
- The verified organization-level greenhouse gas emissions include direct greenhouse gas emissions 253.3965 tonnes of CO₂ equivalent and indirect greenhouse gas emissions from imported energy 6,114.7641 tonnes of CO₂ equivalent.
- Panion & BF Biotech Inc. has defined and explained its own process and pre-determined criteria for significance of indirect Greenhouse Gas Emissions and quantify and report these identified significant emissions accordingly.

For and on behalf of BSI:



Managing Director BSI Taiwan, Peter Pu

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The Greenhouse Gas Emissions Verification activities are based on reasonable level of assurance:

- The data and information of greenhouse gas emissions are based on historical in nature, and no material misstatements for the period from 2024-01-01 to 2024-12-31 Greenhouse Gas Emissions calculation were revealed.
- Data quality was considered acceptable in meeting the principles as set out in ISO 14064-1:2018.
- The emission factor for electricity in 2024 from the Taipower grid is 0.474 kgCO_{2e} per kWh.

The emission factor for electricity in 2024 from the grid supplied by TA-YUAN COGEN CO., LTD. is 0.8240932812 kgCO_{2e} per kWh.

The emission factor for electricity in 2024 has not yet been published by the Chinese government; therefore, the emission factor used for electricity is the 2022 factor for Guangdong Province at 0.4403 kgCO_{2e} per kWh, which may result in different greenhouse gas emission estimates.

EMISSIONS		Notes	tonnes CO _{2e}
Category 1: Direct GHG emissions and removals			253.3965
1.1	Stationary combustion		111.8547
1.2	Mobile combustion		29.5707
1.3	Industrial processes (anthropogenic systems)		0.0000
1.4	Fugitive (anthropogenic systems)		111.9711
1.5	Land use, land use change and forestry		0.0000
Direct emissions in tonnes of CO _{2e} from biomass			0.0000
Category 2: Indirect GHG emissions from imported energy			6,114.7641
2.1	Indirect emissions from imported electricity	location-based approach	5,987.8649
2.2	Indirect emissions from imported energy (steam, heating, cooling and compressed air)		126.8992

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Agreed-upon procedures (AUP)

- AUP are specific types of verification activities, BSI have performed the evidence-gathering procedures for the period from 2024-01-01 to 2024-12-31.
- BSI do not express any assurance on the GHG emissions, removals and storage in listed below.

EMISSIONS		Notes	AUP Item(s)	tonnes CO ₂ e
Category 3: Indirect GHG emissions from transportation				195.8683
3.3	Emissions from Employee commuting	Use the distance-based method	Electric Scooter & Bicycle: 76,630.6 pkm Car: 778,176.675 pkm EV & HEV: 104,361.8 pkm Motorcycle: 632,831.8 pkm Bus: 434,722.3875 pkm MRT: 211,453.58 pkm Train: 158,998.2 pkm	195.8683
Category 4: indirect GHG emissions from products used by organization				1,091.0297
4.1	Emissions from Purchased goods	Energy & Fuel: Use the Average-data method (Only electricity, fuel, and tap water are included)	Electricity: 9,114.5644 MWh Tap Water: 69,681.6032 m ³ Residual Fuel Oil: 15 kL Gasoline: 5.8381 kL Diesel: 5.6840 kL LPG: 41.5861 kL	941.0083
4.3	Emissions from the disposal of solid and liquid waste	Use the waste-type-specific method (Only waste paper from the headquarter and commercial waste from each site are included)	Commercial waste: 523.1924 tonnes Transportation: 48,334.8083 tkm	150.0214

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The direct GHG emissions and removals(cat.1) and indirect GHG emissions from imported energy emissions(cat.2) were verified in selected branches and representative offices, including but not limited to the following:

Location	Verification Information
Panion & BF Biotech Inc. Headquarter 16F. No. 3, Park St. Nangang Dist. Taipei City 115603 Taiwan 寶齡富錦生技股份有限公司總公司 臺灣 台北市 南港區 園區街 3 號 16 樓 115603	The Greenhouse Gas Emissions with Panion & BF Biotech Inc. for the period from 2024-01-01 to 2024-12-31 was verified, including direct greenhouse gas emissions 253.3965 tonnes of CO ₂ equivalent and indirect greenhouse gas emissions from imported energy 6,114.7641 tonnes of CO ₂ equivalent.
Cheng Fong Chemical Co., Ltd. 16F. No. 3, Park St. Nangang Dist. Taipei City 115603 Taiwan 正峰化學製藥股份有限公司 臺灣 台北市 南港區 園區街 3 號 16 樓 115603	
Dayuan Plant of Cheng Fong Chemical Co., Ltd., No. 19, Gong 4th Rd. Dayuan Dist. Taoyuan City 337012 Taiwan 正峰化學大園廠 臺灣 桃園市 大園區 工四路 19 號 337012	

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Location

Verification Information

Panion & BF Biotech Inc. Pingzhen Plant
No. 266, Xinglong Rd.
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324020
Taiwan
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平鎮區
興隆路 266 號
324020

Panion & BF Biotech Inc. Xizhi Plant 2
1F., No. 308-8, Sec. 1, Datong Rd., Xizhi Dist.
New Taipei City 221012, Taiwan (until 2024/1/31)
8F., No. 308-6 & 308-8, Sec. 1, Datong Rd., Xizhi Dist.
New Taipei City 221012, Taiwan
寶齡富錦生技股份有限公司 汐止廠二廠
221012 新北市
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221012 新北市
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Panion & BF Biotech Inc. Xizhi Plant 3
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221042
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寶齡富錦生技股份有限公司 汐止廠三廠
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Location

Verification Information

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寶齡富錦生技股份有限公司 龍潭研發中心
臺灣
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325021

Panion & BF Biotech Inc. (Zhuhai)
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Zhuhai City, Guang-Dong Province 519085, P.R.O.C.
珠海寶齡富錦生物科技有限公司
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