青岛[illegible]有限公司

[illegible]

产品碳足迹盘查报告

2022年2月25日

“ ”

International Organizat

for Standardization ISO ISO 14067

British Standards Institution BSI PAS 2050

PTA

1t PTA

“ ” PX

HAC PTA

PTA

PTA

90.63%

PX

90.23% 6.26% 4.72%

1.1.1.

PTA

1.1

“”

PTA

1.1.3.

1 2021

2

3

PX → → →

PX

1.2.1.

“ ”

1.2

1.2.2.

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1.2.4.

ISO14067:2018

PAS2050:2011

1.2.5.

GaBi 8.0 8000

400

1

PX

2

2021

PX

2.1

		PX	t	2706839	kg/t	650.4
			t	127979	kg/t	30.8

1

PTA

PX PTA

2

2021

PTA

PTA PX

HAC

TA TA

4-CBA PTA

PTA 2

PTA 2.2

2.2 PTA

		PTA	t	6242.40	kg/t	1.5
			kWh	-18896.04	kWh/t	-45.
			GJ	4332835.88	GJ/t	1.04
		PTA	t	1000	kg/t	1000
		CO_2	t	359417.64	kg/t	86.37

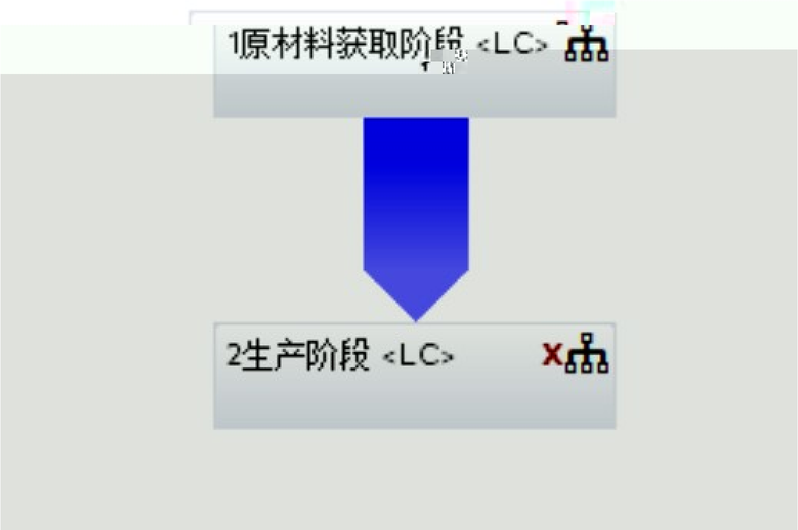
PX CO_2 PX

PTA

/	t	t / t	t C_2O*
PX	2714597.15	0.9051	90089
PTA	127978.58	0.4	187701.9

PTA

PTA GWP 3.1.1


1原材料获取阶段 <LC>
2生产阶段 <LC>

3.1.1 PTA GWP

Gabi PTA

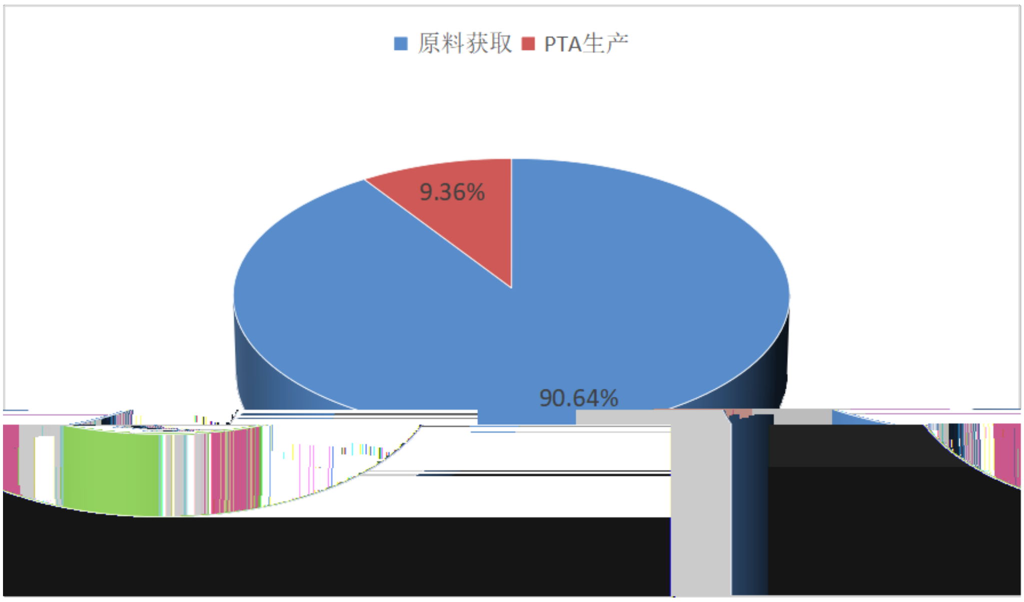
1828.80kg CO_2

3.2.1

3.2.1 PTA

	GWP	%
	1657.55	90.64%
PTA	171.24	9.36%
	1828.80	100%

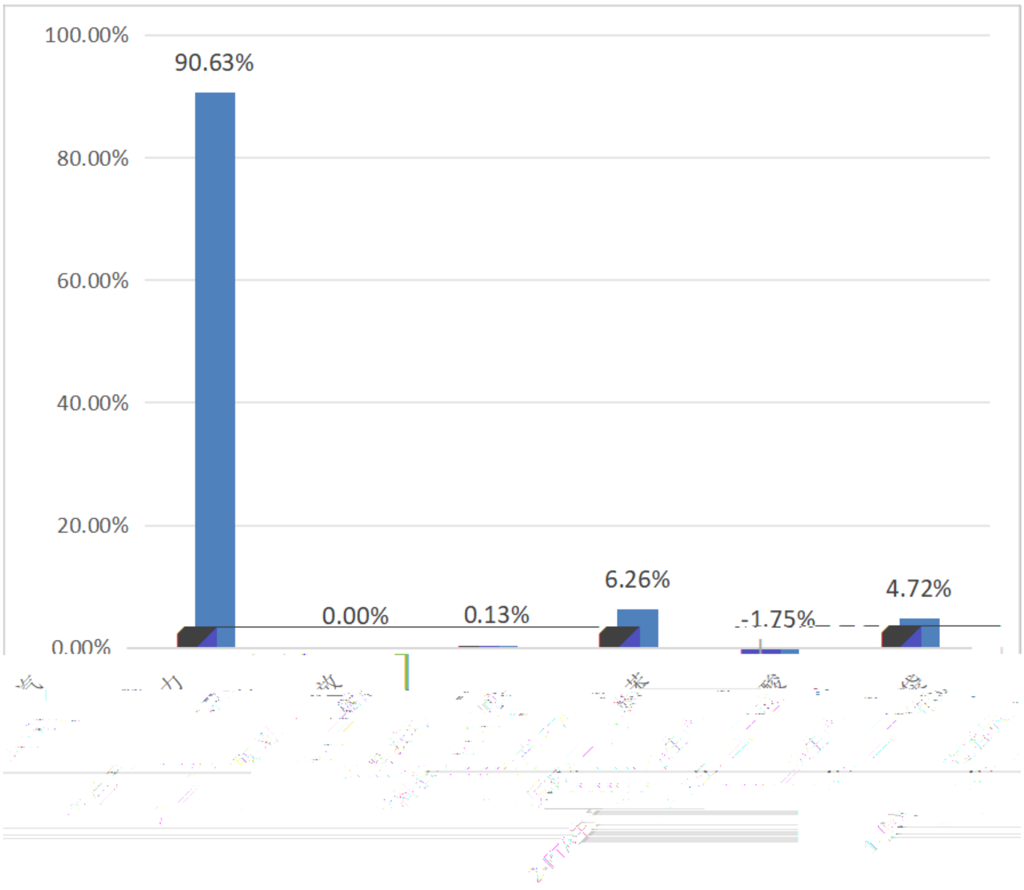
PTA 3.2



3.2.1 PTA

? ! g `

3.3.2



3.3.2

4.1

	PTA PTA	
	PTA PTA 1% 2%	
1%		PX PP
5%		

1%		
1%		
	Gabi 2020	
GWP	Gabi 8.0	
	PTA GWP GWP	

3.3.2 PX

PTA

PTA

1 PX PX

2

3 PTA

3.4 m^2 3.4 MW

340 969 /

2392

1t PTA

PTA

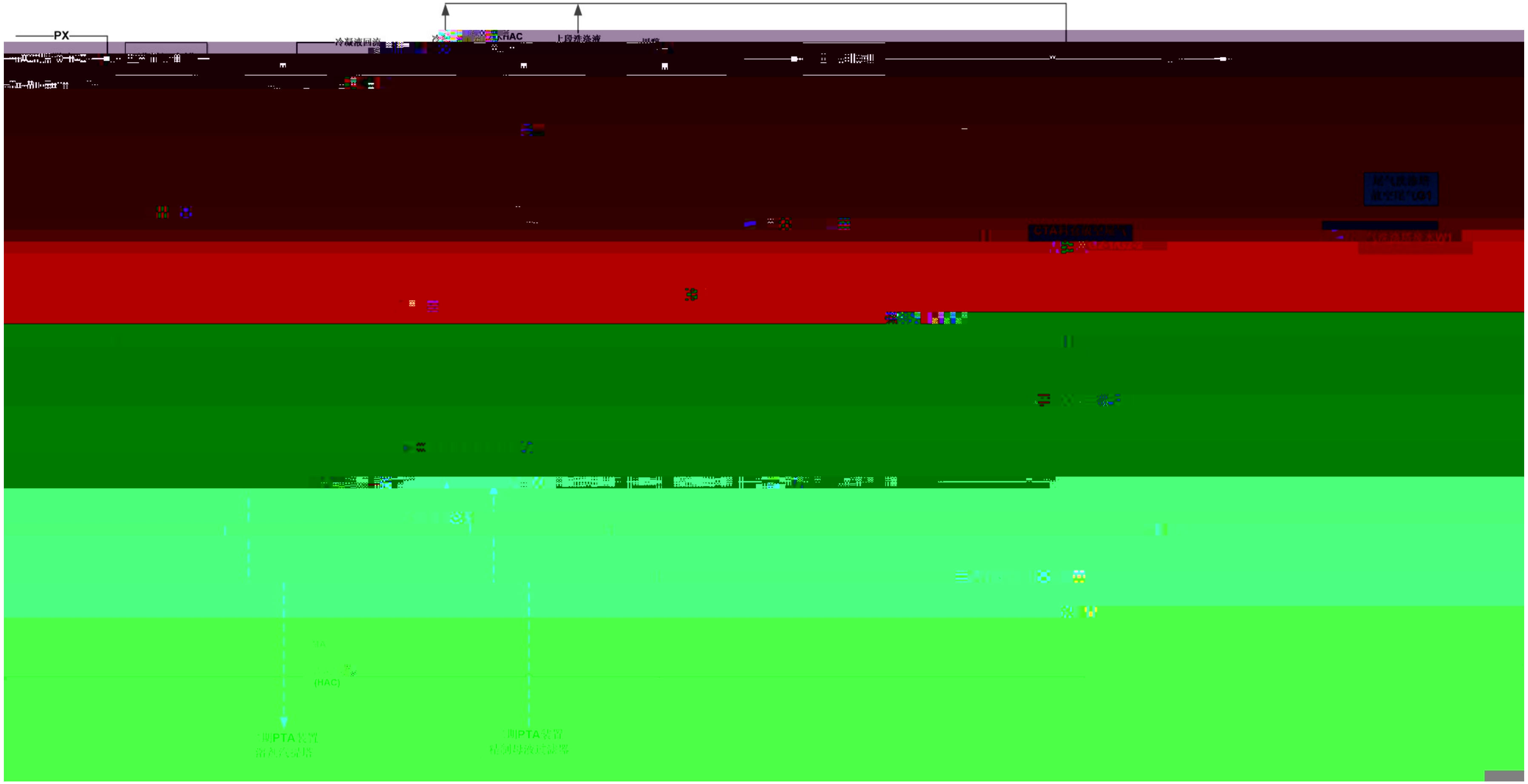
Gabi PTA

GWP

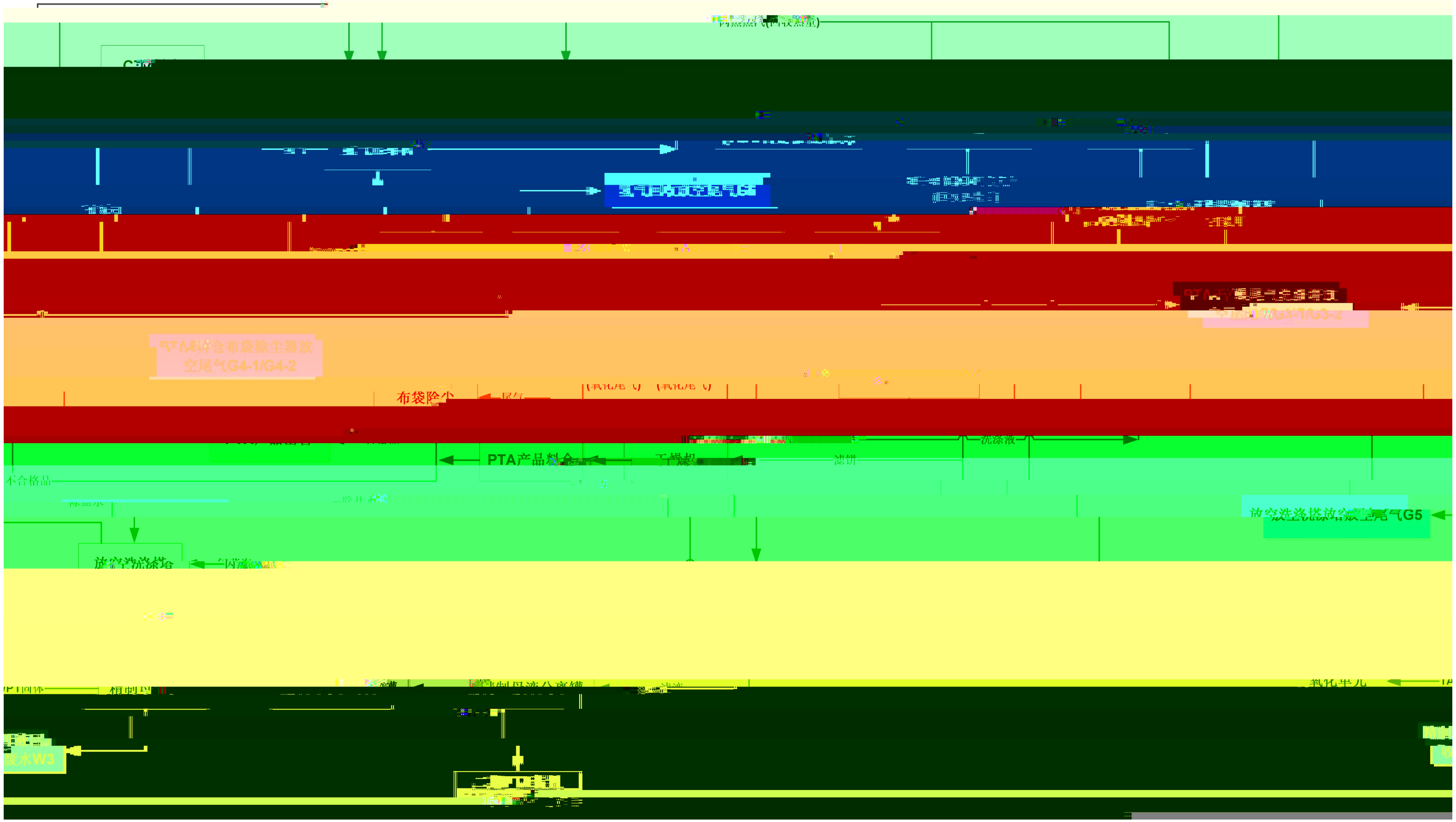
PTA

PX

90.23% 5.26% 4.72%


PX
冷凝液回流
HAC
上段洗涤液
MA
(HAC)
期PTA装置
溶剂汽提塔
期PTA装置
精制母液过滤器

1


PTA料仓布袋除尘器放空尾气G4-1/G4-2
布袋除尘
尾气
（氧化尾气）
洗涤液
PTA产品料仓
干燥机
滤饼
不合格品
放空洗涤塔放空氢气尾气G5
放空洗涤塔
废水W3
氧化单元

2