

ISCC PLUS Certificate

Certificate Number: ISCC-PLUS-Cert-DE100-09571125

SGS Germany GmbH
Europa Allee 12, D-49685 Emstek
certifies that

Braskem S.A -UNIT Q3CK

Av. Presidente Costa e Silva 1178
09270-901 Santo André
BRAZIL

complies with the requirements of the certification system

ISCC PLUS

(International Sustainability and Carbon Certification)



Place of the audit:
see above

This certificate is valid from 14/07/2025 to 13/07/2026

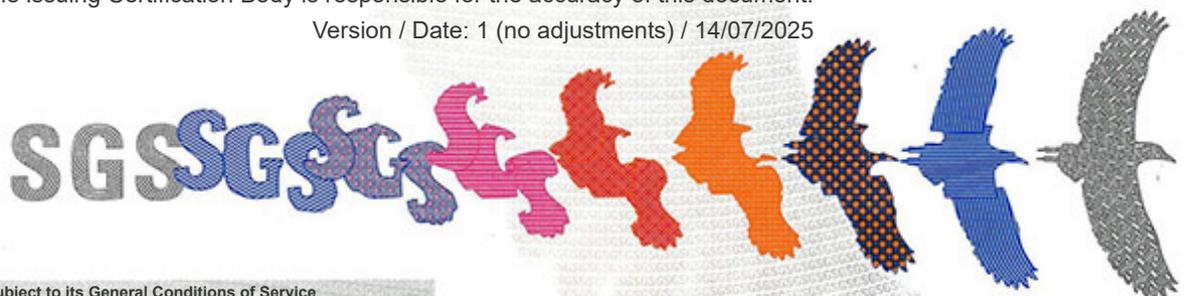
The site of the system user is certified as:
cracker

The scope of the certificate includes the following chain of custody options:
mass balance

Emstek, 14/07/2025
Place and date of issue


Stamp, Signature

The issuing Certification Body is responsible for the accuracy of this document.
Version / Date: 1 (no adjustments) / 14/07/2025



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Annex I to the certificate:

Sustainable materials handled by the certified site

(This annex is applicable for all scopes except of Trader, Trader with storage, Warehouse, Logistic centres, MTBE and ETBE)

This annex is only valid in connection with the certificate:

ISCC-PLUS-Cert-DE100-09571125 issued on 14/07/2025

Input material	Output material	GHG values ¹	Raw material category ²	SAI/FSA ³	FEFAC ⁴
pyrolysis oil	benzene	N/A	circular	N/A	N/A
pyrolysis oil	butadiene	N/A	circular	N/A	N/A
pyrolysis oil	C4	N/A	circular	N/A	N/A
pyrolysis oil	ethylene	N/A	circular	N/A	N/A
pyrolysis oil	propylene	N/A	circular	N/A	N/A
pyrolysis oil	pygas	N/A	circular	N/A	N/A
pyrolysis oil	toluene	N/A	circular	N/A	N/A
pyrolysis oil	hydrocarbon resin (aromatic hydrocarbon resin, polyisobutylene resin)	N/A	circular	N/A	N/A
naphtha	benzene	N/A	bio, circular	N/A	N/A
naphtha	butadiene	N/A	bio, circular	N/A	N/A
naphtha	C4	N/A	bio, circular	N/A	N/A

1	ISCC PLUS add-ons (voluntary application, see www.iscc-system.org for further information): <ul style="list-style-type: none"> • 202-04: Food Security Standard • 202-07: Low ILUC-risk feedstock • 205-01: GHG emission requirements • 205-02: Consumables • 205-03: Non GMO for food and feed • 205-04: Non GMO for technical markets
2	Bio raw materials complies with the ISCC Principles 1 – 6 for the cultivation and harvesting of sustainable biomass. Bio-circular and circular raw materials meet the ISCC definition of waste or residue, i.e. it was not intentionally produced and not intentionally modified, or contaminated, or discarded, to meet the definition of waste or residue. For circular raw materials, the voluntary information about PIR (post-industrial recycling) or PCR (post-consumer recycling) material can be stated in brackets.
3	Farm Sustainability Assessment (FSA) was developed by the Sustainable Agriculture Initiative (SAI) <p>SAI Gold Compliance: ISCC Compliant can be claimed as "SAI FSA 3.0 Gold Level Equivalence"</p>
4	FEFAC: European Feed Manufacturers' Federation. ISCC compliant materials can be claimed as "in line with FEFAC soy sourcing guidelines 2015"

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naphtha	ethylene	N/A	bio, circular	N/A	N/A
naphtha	propylene	N/A	bio, circular	N/A	N/A
naphtha	pygas	N/A	bio, circular	N/A	N/A
naphtha	toluene	N/A	bio, circular	N/A	N/A
naphtha	hydrocarbon resin (aromatic hydrocarbon resin, polyisobutylene resin)	N/A	bio, circular	N/A	N/A
HVO	benzene	N/A	bio	N/A	N/A
HVO	butadiene	N/A	bio	N/A	N/A
HVO	C4	N/A	bio	N/A	N/A
HVO	ethylene	N/A	bio	N/A	N/A
HVO	propylene	N/A	bio	N/A	N/A
HVO	pygas	N/A	bio	N/A	N/A
HVO	toluene	N/A	bio	N/A	N/A

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HVO	hydrocarbon resin (aromatic hydrocarbon resin, polyisobutylene resin)	N/A	bio	N/A	N/A
refinery offgas	benzene	N/A	bio	N/A	N/A
refinery offgas	butadiene	N/A	bio	N/A	N/A
refinery offgas	C4	N/A	bio	N/A	N/A
refinery offgas	ethylene	N/A	bio	N/A	N/A
refinery offgas	propylene	N/A	bio	N/A	N/A
refinery offgas	pygas	N/A	bio	N/A	N/A
refinery offgas	hydrocarbon resin (aromatic hydrocarbon resin, polyisobutylene resin)	N/A	bio	N/A	N/A
pygas	hydrocarbon resin (aromatic hydrocarbon resin)	N/A	bio, bio-circular	N/A	N/A
C4	hydrocarbon resin (polyisobutylene resin)	N/A	bio, bio-circular, circular	N/A	N/A
refinery offgas	toluene	N/A	bio	N/A	N/A

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