



CONTROLUNION



ISCC PLUS Certificate

Certificate Number: ISCC-PLUS-Cert-DE105-87594104

**Control Union Certifications Germany GmbH
Bornitzstr. 73-75, D-10365 Berlin, Germany**

certifies that

**Braskem SA - Unit Q3
PRESIDENTE COSTA E SILVA 1178, 09270901 Santo André
BRAZIL**

complies with the requirements of the certification system

**ISCC PLUS
(International Sustainability and Carbon Certification)**

Place of the audit

(if different from the legal address of the system user as stated above; only applicable for traders and traders with storage):

n.a.

This certificate is valid from 17.01.2024 to 16.01.2025.

The site of the system user is certified as:

Polymerization Plant

The scope of the certificate includes the following chain of custody options:
(not applicable for paper traders)

Mass balance

Berlin, 17.01.2024

Place and date of issue


Stamp, Signature of issuing party

The issuing Certification Body is responsible for the accuracy of this document.
Version / Date: 2 / 27.02.2024



Annex 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-DE105-87594104 issued on 17.01.2024

Input material	Output material	Add-ons (voluntary) ¹⁾	Raw material category ²⁾	SAI FSA ³⁾	FEFAC ⁴⁾
Pyrolysis Oil	Ethylene	n.a.	Circular	n.a.	n.a.
Pyrolysis Oil	Propylene	n.a.	Circular	n.a.	n.a.
Pyrolysis Oil	Butadiene	n.a.	Circular	n.a.	n.a.
Pyrolysis Oil	C4 (Butane)	n.a.	Circular	n.a.	n.a.
Pyrolysis Oil	Pygas	n.a.	Circular	n.a.	n.a.
Pyrolysis Oil	C4 (Raffinate 1)	n.a.	Circular	n.a.	n.a.
Pyrolysis Oil	C4	n.a.	Circular	n.a.	n.a.
Pyrolysis Oil	Toluene	n.a.	Circular	n.a.	n.a.
Pyrolysis Oil	Benzene	n.a.	Circular	n.a.	n.a.
Naphtha	Ethylene	n.a.	Bio Circular Bio-circular	n.a.	n.a.
Naphtha	Propylene	n.a.	Bio Circular Bio-circular	n.a.	n.a.
Naphtha	Butadiene	n.a.	Bio Circular Bio-circular	n.a.	n.a.

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Input material	Output material	Add-ons (voluntary) ¹⁾	Raw material category ²⁾	SAI FSA ³⁾	FEFAC ⁴⁾
Naphtha	C4 (Butane)	n.a.	Bio Circular Bio-circular	n.a.	n.a.
Naphtha	Pygas	n.a.	Bio Circular Bio-circular	n.a.	n.a.
Naphtha	C4 (Raffinate 1)	n.a.	Bio Circular Bio-circular	n.a.	n.a.
Naphtha	C4	n.a.	Bio Circular Bio-circular	n.a.	n.a.
Naphtha	Toluene	n.a.	Bio Circular Bio-circular	n.a.	n.a.
Naphtha	Benzene	n.a.	Bio Circular Bio-circular	n.a.	n.a.

¹⁾ ISCC PLUS add-ons (voluntary application, see www.iscc-system.org for further information):

- 202-04: Food Security Standard
- 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)
SAI Gold Compliance: ISCC Compliant can be claimed as “SAI FSA 3.0 Gold Level Equivalence”

⁴⁾ FEFAC: European Feed Manufacturers’ Federation. ISCC compliant materials can be claimed as “in line with FEFAC soy sourcing guidelines 2015”