

ISCC PLUS Certificate

Certificate Number: ISCC-PLUS-Cert-DE100-09489123

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

Borealis AG

Uddevallavägen 15
44486 Stenungsund
SWEDEN



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 25/11/2023 to 24/11/2024

The site of the system user is certified as:
cracker, warehouse

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

Emstek, 23/11/2023
Place and date of issue


Stamp, Signature

The issuing Certification Body is responsible for the accuracy of this document.
Version / Date: 2 (1 adjustment) / 27/11/2023



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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-DE100-09489123 issued on 23/11/2023

Input material	Output material	GHG values ¹	Raw material category ²	SAI/FSA ³	FEFAC ⁴
biodiesel (crude tall oil (CTO), palm fatty acid distillate (PFAD), palm oil mill effluent (POME) oil, spent bleaching earth, used cooking oil (UCO) entirely of veg. origin)	ethylene	205-01	bio-circular		
biodiesel (crude tall oil (CTO), palm fatty acid distillate (PFAD), palm oil mill effluent (POME) oil, spent bleaching earth, used cooking oil (UCO) entirely of veg. origin)	propylene	205-01	bio-circular		
biodiesel (crude tall oil (CTO), palm fatty acid distillate (PFAD), palm oil mill effluent (POME) oil, spent bleaching earth, used cooking oil (UCO) entirely of veg. origin)	1-butene	205-01	bio-circular		

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 • 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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biopropane (palm fatty acid distillate (PFAD), palm oil mill effluent (POME) oil, spent bleaching earth, used cooking oil (UCO) entirely of veg. origin)	ethylene	205-01	bio-circular		
biopropane (palm fatty acid distillate (PFAD), palm oil mill effluent (POME) oil, spent bleaching earth, used cooking oil (UCO) entirely of veg. origin)	propylene	205-01	bio-circular		
biopropane (palm fatty acid distillate (PFAD), palm oil mill effluent (POME) oil, spent bleaching earth, used cooking oil (UCO) entirely of veg. origin)	1-butene	205-01	bio-circular		

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biopropane (palm fatty acid distillate (PFAD), palm oil mill effluent (POME) oil, spent bleaching earth, used cooking oil (UCO) entirely of veg. origin)	2-butene	205-01	bio-circular		
bionaphtha (crude tall oil (CTO), palm fatty acid distillate (PFAD), palm oil mill effluent (POME) oil, spent bleaching earth, used cooking oil (UCO) entirely of veg. origin)	ethylene	205-01	bio-circular		
bionaphtha (crude tall oil (CTO), palm fatty acid distillate (PFAD), palm oil mill effluent (POME) oil, spent bleaching earth, used cooking oil (UCO) entirely of veg. origin)	propylene	205-01	bio-circular		
bionaphtha (crude tall oil (CTO), palm fatty acid distillate (PFAD), palm oil mill effluent (POME) oil, spent bleaching earth, used cooking oil (UCO) entirely of veg. origin)	1-butene	205-01	bio-circular		

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naphtha	ethylene	205-01	circular		
naphtha	propylene	205-01	circular		
naphtha	1-butene	205-01	circular		
naphtha	2-butene	205-01	circular		
biodiesel (crude tall oil (CTO), palm fatty acid distillate (PFAD), palm oil mill effluent (POME) oil, spent bleaching earth, used cooking oil (UCO) entirely of veg. origin)	pygas	205-01	bio-circular		
biopropane (palm fatty acid distillate (PFAD), palm oil mill effluent (POME) oil, spent bleaching earth, used cooking oil (UCO) entirely of veg. origin)	pygas	205-01	bio-circular		

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naphtha	pygas	205-01	circular		

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