

ISCC PLUS Certificate

Certificate Number: ISCC-PLUS-Cert-DE100-10233122

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

OQ Chemicals Produktion GmbH & Co. KG

Paul-Baumann-Str. 1
45772 Marl
GERMANY



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 20.05.2022 to 19.05.2023

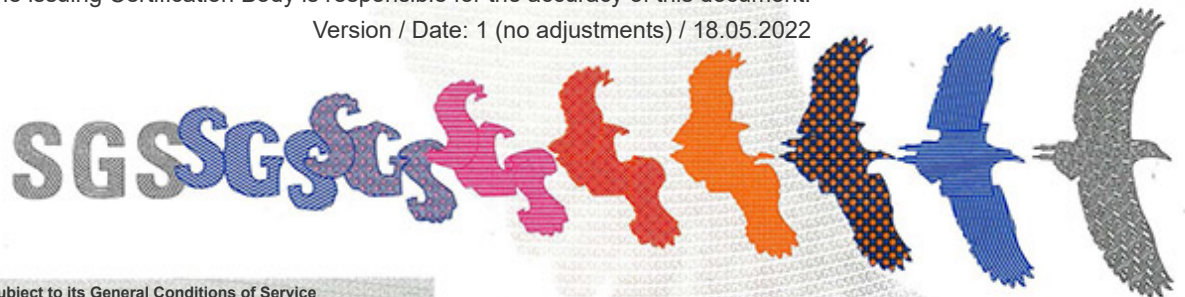
The site of the system user is certified as:
specialty chemical plant

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

Emstek, 18.05.2022
Place and date of issue


SGS Germany GmbH
Stamp, Signature

The issuing Certification Body is responsible for the accuracy of this document.
Version / Date: 1 (no adjustments) / 18.05.2022



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Annex to the certificate:

Sustainable materials handled by the certified site

(This annex is only applicable for material handled under the scopes: farm/plantation, point of origin, central office (farm/plantation or point of origin), first gathering point, processing unit (any type) but not for material that is only traded and/or stored)

This annex is only valid in connection with the certificate:

ISCC-PLUS-Cert-DE100-10233122 issued on 18.05.2022

Input material	Output material	GHG values ¹	ISCC waste process applied ²	SAI/FSA ³	FEFAC ⁴
bio 1-butene	bio carboxylic acids	N/A	No		
bio 1-butene	bio esters	N/A	No		
bio 1-butene	bio oxo alcohols	N/A	No		
bio 1-butene	bio oxo aldehydes	N/A	No		
bio 1-butene	bio polyols	N/A	No		
bio 2-butene	bio carboxylic acids	N/A	No		
bio 2-butene	bio esters	N/A	No		
bio 2-butene	bio oxo alcohols	N/A	No		
bio 2-butene	bio oxo aldehydes	N/A	No		
bio 2-butene	bio polyols	N/A	No		
bio hydrogen	bio carboxylic acids	N/A	No		
bio hydrogen	bio esters	N/A	No		
bio hydrogen	bio oxo alcohols	N/A	No		
bio hydrogen	bio oxo aldehydes	N/A	No		
bio hydrogen	bio polyols	N/A	No		

1	ISCC PLUS add-ons (voluntary application, see www.iscc-system.org for further information): <ul style="list-style-type: none"> • 202-03: SAI Gold • 205-01: GHG emission requirements • 205-02: Consumables • 205-03: Non GMO for food and feed • 205-04: Non GMO for technical markets
2	Yes: The raw material meets 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 No: The raw material complies with the ISCC Principles 1 – 6 for the cultivation of sustainable biomass
3	Farm Sustainability Assessment (FSA) was developed by the Sustainable Agriculture Initiative (SAI) SAI Silver Compliance: ISCC Compliant material can be claimed as "Equivalent to FSA 2.1 Silver" SAI Gold Compliance: ISCC Compliant material incl. add-on SAI Gold can be claimed as "Equivalent to FSA 2.1 Gold"
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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Input material	Output material	GHG values ¹	ISCC waste process applied ²	SAI/FSA ³	FEFAC ⁴
bio ethylene	bio carboxylic acids	N/A	No		
bio ethylene	bio esters	N/A	No		
bio ethylene	bio oxo alcohols	N/A	No		
bio ethylene	bio oxo aldehydes	N/A	No		
bio ethylene	bio polyols	N/A	No		
bio propylene	bio carboxylic acids	N/A	No		
bio propylene	bio esters	N/A	No		
bio propylene	bio oxo alcohols	N/A	No		
bio propylene	bio oxo aldehydes	N/A	No		
bio propylene	bio polyols	N/A	No		
bio 1-octene	bio carboxylic acids	N/A	No		
bio 1-octene	bio esters	N/A	No		
bio 1-octene	bio oxo alcohols	N/A	No		
bio 1-octene	bio oxo aldehydes	N/A	No		
bio 1-octene	bio polyols	N/A	No		
bio dicyclopentadiene	bio polyols	N/A	No		

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Input material	Output material	GHG values ¹	ISCC waste process applied ²	SAI/FSA ³	FEFAC ⁴
bio formalin / formaldehyde / methanal	bio carboxylic acids	N/A	No		
bio formalin / formaldehyde / methanal	bio esters	N/A	No		
bio formalin / formaldehyde / methanal	bio oxo alcohols	N/A	No		
bio formalin / formaldehyde / methanal	bio polyols	N/A	No		
bio oxo aldehydes	bio carboxylic acids	N/A	No		
bio oxo aldehydes	bio esters	N/A	No		
bio oxo aldehydes	bio oxo alcohols	N/A	No		
bio oxo aldehydes	bio polyols	N/A	No		
bio oxo alcohols	bio oxo aldehydes	N/A	No		
bio oxo alcohols	bio carboxylic acids	N/A	No		
bio oxo alcohols	bio esters	N/A	No		
bio oxo alcohols	bio polyols	N/A	No		
bio carboxylic acids	bio esters	N/A	No		

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