



CONTROLUNION



ISCC PLUS Certificate

Certificate Number: ISCC-PLUS-Cert-DE105-88136502

**Control Union Certifications Germany GmbH
Dorotheastr. 30, D-10318 Berlin, Germany**

certifies that

**Tongsuh Petrochemical Corp., Ltd.
108-70, Sapyeong-ro, Nam-gu, Ulsan, 44785,
REPUBLIC OF KOREA**

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 21.10.2022 to 20.10.2023.

The site of the system user is certified as:

Speciality chemical plant (Acrylonitrile)

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

Mass balance

Berlin, 14.10.2022

Place and date of issue



Stamp, Signature of issuing party

The issuing Certification Body is responsible for the accuracy of this document.
Version / Date: 1 (no adjustments) / 14.10.2022



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-DE105-88136502 issued on 14.10.2022

Input material	Output material	Add-ons (voluntary) ¹⁾	ISCC waste process applied ²⁾	SAI/ FSA ³⁾	FEFAC ⁴⁾
Bio Ammonia	Bio Acrylonitrile	No Add-ons	No	N.A.	N.A.
Bio-circular Ammonia	Bio-circular Acrylonitrile	No Add-ons	Yes	N.A.	N.A.
Circular Ammonia	Circular Acrylonitrile	No Add-ons	Yes	N.A.	N.A.
Renewable Ammonia	Renewable Acrylonitrile	No Add-ons	No	N.A.	N.A.
Bio Propylene	Bio Acrylonitrile	No Add-ons	No	N.A.	N.A.
Bio-circular Propylene	Bio-circular Acrylonitrile	No Add-ons	Yes	N.A.	N.A.
Circular Propylene	Circular Acrylonitrile	No Add-ons	Yes	N.A.	N.A.

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

- 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"