

Product Sheet

Neutral Ethyl Alcohol of agricultural origin

Production sites

- CropEnergies Bioethanol GmbH – Zeitz, Germany
- Ryssen Alcools S.A.S. – Loon Plage, France

Description

- Neutral Ethyl Alcohol of agricultural origin is a colourless, neutral tasting alcohol for human consumption.
- Neutral Ethyl Alcohol of agricultural origin is derived by fermentation of carbohydrate containing juices of cereals, sugar beet and/or sugar cane.

Specifications

Physical and Chemical Parameters

Parameter	Unit	Limit	Method
Ethanol	% vol.	≥ 96.0	Reg. (EC) No 625/2003
Sensory properties	no detectable taste/smell; clear, colourless		Organoleptic test
Total acidity expressed as acetic acid	g/hL of 100% vol. alc.	≤ 1.5	based on Reg. (EC) No 625/2003
Esters expressed as ethyl acetate	g/hL of 100% vol. alc.	≤ 1.3	Reg. (EC) No 2870/2000
Aldehydes expressed as acetaldehyde	g/hL of 100% vol. alc.	≤ 0.5	Reg. (EC) No 2870/2000
Higher alcohols expressed as methyl-2-propanol-1	g/hL of 100% vol. alc.	≤ 0.5	Reg. (EC) No 2870/2000
Methanol	g/hL of 100% vol. alc.	≤ 30	Reg. (EC) No 2870/2000
Dry extract	g/hL of 100% vol. alc.	≤ 1.5	based on Reg. (EC) No 625/2003
Volatile bases containing nitrogen expressed as nitrogen	g/hL of 100% vol. alc.	≤ 0.1	based on Reg. (EC) No 625/2003
Furfural	not detectable (<0.01 g/hL of 100% vol. alc.)		Reg. (EC) No 2870/2000

vol. alc.: alcohol by volume

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Additional Information

Nutritional information Nutritional information provided hereafter shall enable to calculate the contribution of Neutral Ethyl Alcohol in final products in compliance with Regulation (EU) No 1169/2011:

Energy value	2208 (532) KJ (kcal)/100 mL
Fat	0 g/100 mL
of which saturates	0 g/100 mL
Carbohydrate	0 g/100 mL
of which sugars	0 g/100 mL
Protein	0 g/100 mL
Alcohol (ethanol)*	76 g/100 mL
Salt	0 g/100 mL

* 94,6% w/w, 0,805 g/mL

Recommended storage conditions

Temperature below 25 °C in carbon steel or stainless steel tanks or original unopened packaging in a ventilated warehouse

Minimum durability

Not applicable; for best quality we recommend a use within 12 months under recommended storage conditions

Compliance and Certifications

Product is suitable for vegetarians and vegans
Product is not derived from genetically modified raw materials and not subject of provisions laid down in Regulation (EC) No 1829/2003 and Regulation (EC) No 1830/2003.
Product is exempt from allergen labeling as laid down in Regulation (EU) No 1169/2011.

Neutral Ethyl Alcohol of agricultural origin is produced in compliance with applicable European Food Law (e.g. Regulation (EC) No 178/2002, Regulation (EC) No 852/2004) and international quality standards including ISO 9001. Neutral Ethyl Alcohol of agricultural origin fulfills the requirements of Regulation (EC) No 110/2008 for human consumption.