



Description

**Ethanol Aa 99,7%**

Code: 1065, 1016, 1017, 1201, 1019

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Sales specification

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**Product description**

The Solveco Aa 99,7% is a synthetic ethanol which is produced through a complex three step process, which in the end creates a double rectified ethanol. This is an ideal product for use in applications that demands an ethanol of the highest quality. Synthetic ethanol is produced with selective synthesis chemistry which eliminates the risk associated with impurities as: Genetically modified organisms, pesticide residues, natural allergens, phthalates and dioxins.

Ethanol Aa 99,7% fulfills the quality standards of the European Pharmacopeia (Ph. Eur.)

The product can on demand be supplied with a batch-specific certificate of analysis (CoA).

**General description of the product's chemical characteristics**

Ethanol Aa 99,7% is a clear, colorless and volatile liquid with a characteristic scent. It reacts explosively with strongly oxidizing agents as for example chromium trioxide, hydrogen peroxide as well as inorganic acids as nitric acid. Can react violently with metals as magnesium, sodium and potassium, whereby hydrogen is formed. The product can damage gaskets, varnished and painted surfaces, protective and sealing grease coatings, rubber material and some plastics. The product is unlimitedly soluble in water.

**Product data for Ethanol Aa 99,7%**

Test	Method	Limits
Relative Density	Eu.Pharmacopeia	0,790 – 0,793
Density	Eu.Pharmacopeia	≤ 0,7917 kg/L
Ethanol Strength	Eu.Pharmacopeia	≥ 99,5 vol-% ≥ 99,2 w-%
Identification A	Eu.Pharmacopeia	Complies with test for relative density
Identification C	Eu.Pharmacopeia	Approved
Identification D	Eu.Pharmacopeia	Approved
Appearance	Eu.Pharmacopeia	Clear, colourless
Acidity or alkalinity	Eu.Pharmacopeia	Approved
UV-Absorbance 235 – 340 nm, 5cm	Eu.Pharmacopeia	A240 nm < 0,40 A250 – 260 nm < 0,30 A270 – 340 nm < 0,10
Methanol	Eu.Pharmacopeia	≤ 200 ppm V/V
Acetaldehyd + Acetal	Eu.Pharmacopeia	≤ 10 ppm V/V
Benzene	Eu.Pharmacopeia	≤ 2 ppm V/V
Tot. of other impurities	Eu.Pharmacopeia	≤ 300 ppm V/V
Residue on Evaporation	Eu.Pharmacopeia	≤ 25 ppm m/V

**Packaging**

Inner packaging	Amount / Box	Box / Pallet
1000ml HDPE; Code: 1065	12	40
5000ml HDPE; Code: 1016	3	36
25L HDPE; Code: 1017	1	24
200L Steel drum; Code: 1201	1	1
1000L Container; Code: 1019	1	1

**Storage (see safety data sheets for further information about storage and handling)**

Storage (long term)	Storage (short term)	Sustainability
Temp: Room temp (18 - 30°C)	Temp: -15 - 30°C	2 years from date of production
		Sealed bottles

Solveco AB is certified according to ISO 13485. **Quality management system:** Development, manufacturing and distribution of chemical products for use in production of medical devices.



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