



## F11® – outstanding ethanol for top-quality spirits

F11® is ethanol which has been specially created for the requirements of the drinks industry. Its quality stands out because of its high degree of purity: alongside the outstanding analytical values which far exceed the requirements of the Foodstuffs Ordinance and the European Pharmacopoeia (Ph. Eur.), the product stands out in particular due to its absolute fineness and neutrality in terms of taste and odour. These are the ideal prerequisites therefore to allow spirits with the most diverse aromas to reach their full potential.

The raw product is selected via our worldwide alcosuisse network of qualified producers, and all incoming goods are individually subject to structured preparation and intensive quality assessment. For this, the following refinement steps are taken, which turn the raw product into F11® quality with its guaranteed product properties designed for the application requirements of the drinks industry:

- 5µ filtration of all incoming goods and levelling of ethanol content with treated water
- Organoleptic testing and classification by two independent, organoleptic panels
- Detailed analytical examination and approval by the laboratory alcohol of the federal institute of metrology METAS

### F11® is available in many variations

#### ■ Wide selection of raw materials

F11® is available made from agricultural raw materials (in particular sugar beet and sugar cane), cereals and wine or made synthetically

#### ■ Additional quality labels

F11® is also available in organic grade or with a kosher certificate

### The main analysis values of F11®\*

Ethanol content	min. of 94.0%	Total acidity (as acetic acid)	≤ 12 mg/L pure alcohol
Acetaldehyde	≤ 5 mg/L pure alcohol	Volatile nitrogenous bases	≤ 1 mg/L pure alcohol
Methanol	≤ 65 mg/L pure alcohol	Residue on evaporation	≤ 10 mg/L pure alcohol
Appearance	clear and colourless, 100% free of particles	Other volatile impurities	≤ 50 mg/L pure alcohol
Organoleptics	very slight		

\* organic grades and ethanol made from wine: separate specifications

**Do you need the complete product specifications? We will gladly supply them.**



### Purchasing from alcosuisse – the advantages for you:

- high delivery capacity
- no risks in terms of denaturation, importation and taxes
- wide selection of containers (from 7 kg)
- free delivery
- professional advice from our customer service

### alcosuisse – THE Swiss supplier of ethanol

Ethanol from Switzerland for any and every purpose: whether it is required for industrial processes, or in the production of beverages containing alcohol or for its indispensability in university research, alcosuisse is the Swiss supplier of ethanol.

alcosuisse combines long tradition and experience with a high level of quality and service.

**Overview of F11® products**

**F11-A** Ethanol from agricultural raw material

**F11-AC** Ethanol from agricultural raw material kosher

**F11-G** Ethanol from cereals

**F11-GC** Ethanol from cereals kosher

**F11-BIO-BV** organic ethanol CH-BioV

**F11-BIO-BV-C** organic ethanol CH-BioV kosher

**F11-BIO-Bud** organic ethanol Bud

**F11-BIO-Bud-C** organic ethanol Bud kosher

**F11-W** Ethanol from wine