

## CERTIFICATE OF ANALYSIS

**Product:** Etanol 99,7%, 5L (1016)  
**Batch Number:** 6092796  
**Date of Manufacture:** 2019-03-26  
**Used Before:** 2021-02-28

### Analysis at filling

Analysis	Method	Specification	Results
Relative density	Ph.Eur	0,790- 0,793	0,791
Density		≤ 0,7917 kg/l	0,789 kg/l
Ethanol strenght	Ph.Eur	≥99,5 vol-% ≥ 99,2 w-%	>99,9 vol-% >99,9 w-%
Absorbance 235 - 340 nm, 5cm	Ph.Eur	A240 nm <0,40 A250-260 nm <0,30 A270-340 nm <0,10	0,34 0,15 0,02 Absorption curve is smooth.

### Analysis at tank

Analysis	Method	Specification	Results
Identification A	Ph.Eur	Complies with the test for relative density.	Approved
Identification B	Ph.Eur	Approved	Approved
Identification D	Ph.Eur	Approved	Approved
Appearance	Ph.Eur	Clear, colorless	Clear, colorless
Acidity or alkalinity	Ph.Eur	Approved	Approved
Volatile Impurities	Ph.Eur	Methanol < 200 ppm V/V	< 200 ppm V/V
		Acetaldehyde + acetal < 10 ppm V/V	< 10 ppm V/V
		Benzene < 2ppmV/V	< 2 ppm V/V
		Total of other impurities < 300 pom	< 300 ppm V/V
Residue on evaporation	Ph.Eur	25 ppm m/V	<25 ppm m/V

Solveco AB  
 Stockholm 2019-04-02



**Peter Lundgren**