

CERTIFICATE OF ANALYSIS

Product: Etanol 99,7%, 1L (1065)
Batch Number: 6092282
Date of Manufacture: 2018-08-14
Used Before: 2020-07-31

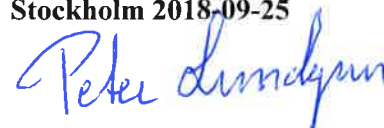
Analysis at filling

Analysis	Method	Specification	Results
Relative density	Ph.Eur	0,790- 0,793	0,791
Density		≤ 0,7917 kg/l	0,7895 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 0,16 0,03 Absorption curve is smooth.

Analysis at tank

Analysis	Method	Specification	Results
Identification A	Ph.Eur	Complies with the test for relative density.	Approved
Identification C	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	12 ppm m/V

Solveco AB
 Stockholm 2018-09-25



Peter Lundgren