

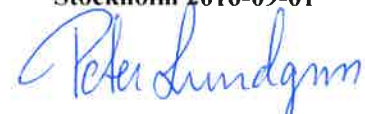


CERTIFICATE OF ANALYSIS

Product: Etanol A 96% 12x1L (1063)
Batch Number: 6090583
Date of Manufacture: 2016-08-24
Used Before: 2018-07-31

Analysis	Method	Specification	Results	Unit
Rel. Density	-	0,8036 – 0,8109	0,806	Kg/l
Ethanol Strenght	Ph.Eur.	95,1 – 96,9	96,4	Vol-%
UV-Absorbance 235 – 340 nm, 5cm Eur.Ph	Ph.Eur.	A _{240 nm} < 0,40 A _{250 – 260 nm} < 0,30 A _{270 – 340 nm} < 0,10	A _{240 nm} 0,19 A _{250 – 260 nm} 0,07 A _{270 – 340 nm} 0,00 Absorption curve is smooth	---
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	---
Methanol	Ph.Eur.	< 200	<200	ppm V/V
Acetaldehyde + acetal	Ph.Eur.	< 10	<10	ppm V/V
Benzene	Ph.Eur.	<2	<2	ppm V/V
Total of other impurities	Ph.Eur.	<300	<300	ppm V/V
Residue on Evaporation	Ph.Eur.	<25	<10	ppm m/V

Solveco AB
Stockholm 2016-09-01


Peter Lundgren