

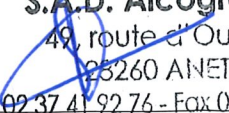
Type doc	N° identification	Révision
FS	E811	8

Technical Sheet

Ethanol 99 surfín

Compliance with current Monograph of the
European Pharmacopoeia "Anhydrous Ethanol" 01/2015:1318

Parameters	Method	Spécifications
Apparence	Monograph « Anhydrous Ethanol PE 01/2015: 1318-8.5	Colourless, clear, volatile, flammable liquid, hygroscopic
Solubility	Monograph « Anhydrous Ethanol PE 01/2015: 1318-8.5	Miscible with water and methylene chloride
Alcohol Content	Monograph « Anhydrous Ethanol PE 01/2015: 1318-8.5	≥ 99.5 % V/V
Identification : Identity A (Relative density at 20°C) Identity B	Monograph « Anhydrous Ethanol PE 01/2015: 1318-8.5	0.790 ≤ ≤ 0,793 Infrared absorption conform to reference
Acidity or alkalinity	Monograph « Anhydrous Ethanol PE 01/2015: 1318-8.5	Conforms to test < 30 ppm m/V acetic acid
Absorbance (5 cm cell)	Monograph « Anhydrous Ethanol PE 01/2015: 1318-8.5	From 270 nm to 340 nm ≤ 0,10 From 250 nm to 260 nm ≤ 0,30 At 240 nm ≤ 0,40 The spectrum shows a steadily descending curve with no observable peaks or shoulders
Volatile impurities	Internal method : FP E811-8	Methanol ≤ 200 ppm Sum of acetaldehyde and acetal, calculated as acetaldehyde ≤ 10 ppm Sum of other impurities ≤ 300 ppm Benzene ≤ 2 ppm
Residue on evaporation	Monograph « Anhydrous Ethanol PE 01/2015: 1318-8.5	≤ 25 ppm m/V

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