

**Scharlab S.L.**

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CERTIFICATE OF ANALYSIS

Product Ethanol absolute, extra pure, Pharmapur®, Ph Eur, BP, USP

Batch 20094101

ET0006

Quality release date 28/08/2019

Expiry date 08/2024

Analysis	Batch value	Specifications
Assay (G.C.) (v/v)	99,99 %	≥ 99,5
Assay (G.C.) (w/w)	99,96 %	≥ 99,2
Identification	passes test	passes test
Density (20°/20°)	0,7910 g/mL	0,790 - 0,793
Appearance	Clear and colourless	clear and colourless
Acidity or alkalinity (as acetic acid)	< 0,003 %	≤ 0,003
Colour (Hazen)	2	≤ 10
Acetaldehyde + Acetal (as CH ₃ CHO)	< 0,001 %	≤ 0,001
Benzene (G.C.)	< 0,0002 %	≤ 0,0002
Methanol (G.C.)	0,0007 %	≤ 0,02
Total of other impurities (G.C.)	0,0074 %	≤ 0,03
Reducing substances	passes test	passes test
Residue on evaporation	0,0002 %	≤ 0,001
UV Spectroscopy in a 5,0 cm cell:		
max. absorbance at 240 nm	0,105 AU	≤ 0,40
max. absorbance between 250 and 260 nm	0,005 AU	≤ 0,30
max. absorbance between 270 and 340 nm	0,005 AU	≤ 0,10

Residual solvents are analysed according to guideline CPMP/ICH/283/95.