

**Scharlab S.L.**

Crtra.Polinya a Sentmenat, Km 8,2

08181 Sentmenat

☎ +34937456400

✉ helpdesk@scharlab.com

CERTIFICATE OF ANALYSIS

Product Ethanol 96% v/v, extra pure, Pharmapur®, Ph Eur, BP

Batch 20111701

ET0003

Quality release date 09/09/2019

Expiry date 09/2024

Analysis	Batch value	Specifications
Assay (v/v)	95,96 %	95,1 - 96,9
Assay (w/w)	93,69 %	92,6 - 95,2
Identification	passes test	passes test
Density (20°/20°)	0,8058 g/mL	0,805 - 0,812
Appearance	clear and colourless	clear and colourless
Acidity or alkalinity	passes test	passes test
UV Spectroscopy in a 5,0 cm cell:		
max. absorbance at 240 nm	0,225 AU	≤ 0,40
max. absorbance between 250 and 260 nm	0,093 AU	≤ 0,30
max. absorbance between 270 and 340 nm	0,013 AU	≤ 0,10
Volatile impurities:		
Methanol (G.C.)	< 0,0200 %	≤ 0,0200
Benzene (G.C.)	< 0,0002 %	≤ 0,0002
Acetaldehyde and acetal (G.C.)	< 0,0010 %	≤ 0,0010
Total of other impurities (G.C.)	< 0,0300 %	≤ 0,0300
Residue on evaporation	< 0,0025 %	≤ 0,0025

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

Elemental impurities are analysed according to guideline CHMP/ICH/353369/2013.

Results marked with # are out of specifications.
This certificate does not exempt the user from checking the results upon receipt of the goods.
Any copy of our CoA may be obtained from our website at www.scharlab.com

M. Canet
Laboratory Manager