



Scharlab S.L.

Tel. int.: +34-93-7151811

Email: scharlab@scharlab.com

CERTIFICATE OF ANALYSIS

Product: **Ethanol absolute**, extra pure, Pharmpur[®], Ph Eur,
ET0006 BP, USP

Batch 16976301
Quality release date 16/02/2016
Expiry date 2/2021

Analysis	Batch value	Specifications
assay (G.C.) (v/v)	99,98 %	min. 99,5 %
assay (G.C.) (w/w).....	99,93 %	min. 99,2 %
identification.....	passes test	passes test
density (20°/20°)	0,7909	0,790 - 0,793
appearance.....	clear and colourless	clear and colourless
acidity or alkalinity (as acetic acid)	0,0014 %	max. 0,003 %
colour (Hazen)	4	max. 10
acetaldehyde + acetal (as CH ₃ CHO)	0,00020 %	max. 0,001 %
benzene (G.C.)	< 0,0002 %	max. 0,0002 %
methanol (G.C.).....	< 0,02 %	max. 0,02 %
total of other impurities (G.C.)	< 0,03 %	max. 0,03 %
reducing substances	passes test	passes test
residue on evaporation	0,00029 %	max. 0,001 %
absorbance in a 5,0 cm cell		
at 240 nm	0,275	max. 0,40
between 250 and 260 nm	0,105	max. 0,30
between 270 and 340 nm	0,010	max. 0,10
Residual solvents are analysed		
according to guideline		
CPMP/ICH/283/95.		

This certificate does not release the user from their control upon receipt of the goods
You can get a copy of any of our COA from our web site: www.scharlab.com

M. Canet
Laboratory Manager