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CERTIFICATE OF ANALYSIS**ET0003_21991701/1**

Product Ethanol 96% v/v, Pharpur®, Ph Eur, BP

Batch 21991701

ET0003

Quality release date 30/08/2021

Expiry date 08/2026

Analysis	Batch value	Specifications
Assay (v/v)	96,72 %	95,1 - 96,9
Assay (w/w)	94,88 %	92,6 - 95,2
Identification IR	passes test	passes test
Identification C (EP)	passes test	passes test
Identification D (EP)	passes test	passes test
Density (20°/20°)	0,8053 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	0,245 AU	≤ 0,40
max. absorbance between 250 and 260 nm	0,110 AU	≤ 0,30
max. absorbance between 270 and 340 nm	0,040 AU	≤ 0,10
Volatile impurities:		
Methanol	< 200 ppm v/v	≤ 200
Acetaldehyde + acetal (as acetaldehyde)	< 10 ppm v/v	≤ 10
Benzene	< 2 ppm v/v	≤ 2
Total of other impurities	< 300 ppm	≤ 300
Residue on evaporation	1,2 ppm m/v	≤ 25

This product is intended to be suitable for the manufacture of pharmaceuticals, medical devices, cosmetics and food products, but is entirely under the user's responsibility.