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CERTIFICATE OF ANALYSIS**ET0010_24356406/1**

Product	Ethanol absolute, gradient HPLC grade	Batch	24356406
ET0010		Quality release date	05/12/2023
		Expiry date	12/2028
Analysis	Batch value	Specifications	
Assay (G.C.) (v/v)	99,99 %	≥ 99,9	
Identity (IR-Spectrum)	passes test	passes test	
Density (20°/4°)	0,7895 g/mL	0,789 - 0,790	
Acidity	0,00020 meq/g	≤ 0,0002	
Alkalinity	0,00003 meq/g	≤ 0,0002	
Residue on evaporation	0,0002 %	≤ 0,0002	
Water (v/v) (K.F.)	0,0277 %	≤ 0,1	
Gradient grade (254 nm):			
maximum background absorbance:	< 0,02 AU	≤ 0,02	
maximum peak absorbance:	< 0,002 AU	≤ 0,002	
UV Spectroscopy in a 1,0 cm cell:			
min. transmission at 205 nm	34,49 %	≥ 20	
min. transmission at 220 nm	83,35 %	≥ 50	
min. transmission at 245 nm	97,11 %	≥ 90	
min. transmission at 260 nm	99,16 %	≥ 98	
max. absorbance at 205 nm	0,462 AU	≤ 0,699	
max. absorbance at 220 nm	0,079 AU	≤ 0,301	
max. absorbance at 245 nm	0,013 AU	≤ 0,046	
max. absorbance at 260 nm	0,004 AU	≤ 0,009	

Microfiltered through membranes of pore diameter 0,22 µm.

Suitable for UPLC.

For laboratory use only