

**Scharlab S.L.**

Crtra.Polinya a Sentmenat, Km 8,2

08181 Sentmenat

☎ +34937456400

✉ helpdesk@scharlab.com

CERTIFICATE OF ANALYSIS**ET0010_24634906/1**

Product	Ethanol absolute, gradient HPLC grade	Batch	24634906
ET0010		Quality release date	14/03/2024
		Expiry date	03/2029
Analysis	Batch value	Specifications	
Assay (G.C.) (v/v)	99,99 %	≥ 99,9	
Identity (IR-Spectrum)	passes test	passes test	
Density (20°/4°)	0,7897 g/mL	0,789 - 0,790	
Acidity	0,00013 meq/g	≤ 0,0002	
Alkalinity	0,00001 meq/g	≤ 0,0002	
Residue on evaporation	0,0002 %	≤ 0,0002	
Water (v/v) (K.F.)	0,0522 %	≤ 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	36,20 %	≥ 20	
min. transmission at 220 nm	84,96 %	≥ 50	
min. transmission at 245 nm	97,68 %	≥ 90	
min. transmission at 260 nm	99,52 %	≥ 98	
max. absorbance at 205 nm	0,441 AU	≤ 0,699	
max. absorbance at 220 nm	0,071 AU	≤ 0,301	
max. absorbance at 245 nm	0,010 AU	≤ 0,046	
max. absorbance at 260 nm	0,002 AU	≤ 0,009	

Microfiltered through membranes of pore diameter 0,22 µm.

Suitable for UPLC.

For laboratory use only