

CERTIFICATE OF ANALYSIS

ET0010_25523106/1

Product	Ethanol absolute, gradient HPLC grade	Batch	25523106
ET0010		Quality release date	04/02/2025
		Expiry date	02/2030

Analysis	Batch value	Specifications
Assay (G.C.) (v/v)	99,99 %	≥ 99,9
Identity (IR-Spectrum)	passes test	passes test
Density (20°/4°)	0,7896 g/mL	0,789 - 0,790
Acidity	0,00015 meq/g	≤ 0,0002
Alkalinity	0,00001 meq/g	≤ 0,0002
Residue on evaporation	0,0002 %	≤ 0,0002
Water (v/v) (K.F.)	0,0691 %	≤ 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	21,48 %	≥ 20
min. transmission at 220 nm	64,33 %	≥ 50
min. transmission at 245 nm	93,98 %	≥ 90
min. transmission at 260 nm	98,60 %	≥ 98
max. absorbance at 205 nm	0,668 AU	≤ 0,699
max. absorbance at 220 nm	0,192 AU	≤ 0,301
max. absorbance at 245 nm	0,027 AU	≤ 0,046
max. absorbance at 260 nm	0,006 AU	≤ 0,009

Microfiltered through membranes of pore diameter 0,22 µm.

Suitable for UPLC.

For laboratory use only