



Version	00
Molecular weight	46.07
Quality Test / Release Date	05/14/2020
Molecular Formula	C ₂ H ₆ O
CAS No	64-17-5
Linear Formula	CH ₃ CH ₂ OH
Flash Point (°C)	12

Certificate of Analysis

This is to certify that units of the lot number below were tested and found to comply with the specifications of the grade listed. Certain data have been supplied by third parties. Acros Organics expressly disclaims all warranties, expressed or implied, including the implied warranties of merchantability and fitness for a particular purpose. Products are for research use or further manufacturing. Not for direct administration to human or animals. It is the responsibility of the purchaser, formulator or those performing further manufacturing to determine suitability based upon the intended use of the end product. Products are tested to meet the analytical requirements of the noted grade. The following information is the actual analytical results obtained.

Catalog Number	44574	Quality Test / Release Date	05/14/2020
Lot Number	A0417938	Suggested retest date	05/14/2022
Description	Ethanol, 99.8%, for HPLC, absolute		
Country of Origin	UNITED KINGDOM		
Declaration of Origin	synthetic		

BSE/TSE	
Chemical	

Result name	Specifications	Test Value
Appearance (Form)	Clear liquid	Clear liquid
Color scale	=<10 APHA	=<10 APHA
Refractive index	1.3600 to 1.3630 (20°C, 589 nm)	1.3613 (20°C, 589 nm)
Density	(20°C) 0.789 to 0.790 kg/l	(20°C) 0.789 kg/l
GC	>=99.75 %	99.99 %
Water	=<0.1 %	0.008 %
Residue after evaporation	=<0.0005 %	=<0.0005 % (none detected)
UV transmittance	>=10 % (at 205 nm)	18.1 % (at 205 nm)
UV transmittance	>=50 % (at 220 nm)	58.4 % (at 220 nm)
UV transmittance	>=80 % (at 240 nm)	88.6 % (at 240 nm)
UV transmittance	>=95 % (at 250 nm)	95.1 % (at 250 nm)
UV transmittance	>=99 % (at 270 nm)	99.1 % (at 270 nm)
UV transmittance	>=99 % (at 400 nm)	100 % (at 400 nm)



A handwritten signature in black ink, appearing to read "C. Wygaerts", is shown above the printed name.

C. Wygaerts, QA Manager

Issued: 05-15-2020

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