

PRODUCT DATA SHEET

ETHANOL 99.99% HPLC



**REFLECTA
LABORATORY
SUPPLIES**

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Physical and chemical properties, composition and other data	
Chemical Formula	C ₂ H ₆ O
Molar Mass	46.07 g/mol
Melting Point	-114°C
Boiling Point	78.3°C
Ignition Point	425°C
Appearance	Clear Liquid
Density@ 20°C (g/ml)	0.79987 g/mL

Storage and handling information	
Storage	Store in a cool location
Signal Word	Danger
Hazard Statements	Highly flammable liquid and vapor, Causes serious eye irritation
Precautionary Statements	Wear protective gloves/clothing/eye/face protection, Keep away from heat/sparks/open flames/hot surfaces

Transport Regulations	
Hazardous Class	3
Packing Group	II

Identifiers	
CAS Number	64-17-5
UN Number	UN1170

Test	Specifications
Assay (on anhydrous substance)	Min 99.99 %
Alkalinity	Max. 0.0003 meq/g
Evaporation residue	Max. 10 ppm
Water	Max. 0.2%
Wavelength	
Absorbance (220 nm)	Max. 0.1
Absorbance (250 nm)	Max. 0.05
Absorbance (280 nm)	Max. 0.01
UV-Transmittance @ 220nm (%)	Min. 50%
UV-Transmittance @ 250nm (%)	Min. 90%
UV-Transmittance @ 280nm (%)	Min. 98%

