

neoFroxx GmbH

Marie-Curie-Str. 3
64683 Einhausen

+49 6251 989 240

coa@neofroxx.com

www.neofroxx.com

Specification

Product	Ethanol absolute pure EP, USP (pharma grade)
Product number	LC-8657
Synonyms	Alcohol, Ethyl alcohol
Formula	CH ₃ CH ₂ OH
Molecular weight	46.07 g/mol
CAS number	64-17-5
Storage	below 25°C
Retest period (months)	48

We herewith confirm that this product meets the requirements of the European Pharmacopoeia (EP) and US Pharmacopoeia (USP).

Parameter	Specification
Assay (by weight) (USP, EP)	>= 99.2 %
Assay (by volume) (USP, EP)	>= 99.5 %
Identity (USP, EP)	passes test
Appearance (EP)	colourless, clear, volatile, flammable liquid, hygroscopic (revised)
Solubility (EP)	passes test
Acidity or Alkalinity (EP, USP)	passes test
Clarity of solution (USP)	passes test
Colour of solution (USP)	passes test
Non-volatile residue (USP)	passes test
Residue on evaporation (EP)	<= 0.0025 %
Specific gravity at 15.56°C (USP)	<= 0.7962
Relative density (EP)	0.79 - 0.793

neoFroxx GmbH

Marie-Curie-Str. 3
64683 Einhausen
+49 6251 989 240
coa@neofroxx.com
www.neofroxx.com

Specification

Product	Ethanol absolute pure EP, USP (pharma grade)
Parameter	Specification
Organic impurities (EP, USP)	
Methanol	$\leq 0.02 \%$
Acetaldehyde and Acetal	$\leq 0.001 \%$
Benzene	$\leq 0.0002 \%$
Sum of impurities	$\leq 0.03 \%$
Absorbance (UV) (EP, USP)	
240 nm	≤ 0.4
250 - 260 nm	≤ 0.3
270 - 340 nm	≤ 0.1

Einhausen, 26.07.2024