Product Specification

Material	20905.365
Material description	Ethanol 96 % vol
Grade	Ph.Eur.
CAS Number	64-17-5
Molecular formula	C_2H_5OH
Molecular mass	46.07

Additional information

Characteristics	Specifications
Assay (V/V)	95.1 --> 96.9 %
Appearance	Conforms (see CoA/CoS)
Identification (IR)	Passes test
Appearance test	Passes test
Acidity or alkalinity	Passes test
Relative density	0.805 --> 0.812
Absorbance (240 nm)	Max. 0.40
Absorbance (250-260 nm)	Max. 0.30
Absorbance (270-340 nm)	Max. 0.10
Absorption curve (*)	Passes test
Methanol (V/V)	Max. 200 ppm
Acetaldehyde + acetal (as C2H4O) (V/V)	Max. 10 ppm
Benzene (V/V)	Max. 2 ppm
Impurities (as 4-methylpentan-2-ol)(V/V)	Max. 300 ppm
Disregard limit	Max. 9 ppm
Residue on evaporation (W/V)	Max. 25 ppm
Residual solvents	Passes test
As (Arsenic)	Max. 0.1 ppm
Cd (Cadmium)	Max. 0.1 ppm
Co (Cobalt)	Max. 0.1 ppm
Hg (Mercury)	Max. 0.1 ppm
Ni (Nickel)	Max. 0.1 ppm
Pb (Lead)	Max. 0.1 ppm
V (Vanadium)	Max. 0.1 ppm
Conforms to Ph.Eur.	Passes test

For Professional use in Laboratory or Manufacturing. Not for use as an Active Pharmaceutical Ingredient or Food or Animal Feed. Suitability and intended use of the product remains the responsibility of the user.

Product Specification

Signature

We certify that this batch conforms to the specifications listed above.

This document has been produced electronically and is valid without a signature.

Anja Vanhalle, Head of Laboratory - Haasrode
VWR International bvba; Geldenaaksebaan 464; BE-3001 Leuven; Belgium

Additional information

Appearance: Colourless, clear, volatile, flammable liquid, hygroscopic.

(*) Absorption curve: The spectrum shows a steadily descending curve with no observable peaks or shoulders.

Not for use as Active Pharmaceutical Ingredient (API)