

## Certificate of Analysis

Description	Ethanol 99.8 % denatured with IPA, MEK and Bitrex pure
Product number	147194
CAS number	64-17-5
Formula	CH <sub>3</sub> CH <sub>2</sub> OH
Molecular weight	46.07 g/mol
Storage	RT
Lot number	3R013356
QC-release date	20.12.2023
Retest date	12.2028
Version No.	1
Version Date	01.01.2018

Parameter	Specification	Analysis
Assay (GC, denaturant not included)	min. 99.8 %	100.0 %
Acidity (as CH <sub>3</sub> COOH)	max. 1.0 mg/100 mL	£ 1.0 mg/100 mL
Density (d 20°C)	0.788 - 0.790 kg/l	0.789 kg/l
Identity (IR)	passes test	passes test
Water (K.F.)	max. 0.3 %	0.2 %

This product is tax-free within the EU. Purchasers outside of Germany must specify the address of their local customs office. Contain s per 100 L Alcohol: 1.0 L IPA, 1.0 L MEK and 1.0 g Bitrex

We hereby guarantee that this product was manufactured by fermentation, the raw material is not of animal origin and during the manufacturing process no material of animal origin is used.

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

Page 1 of 1

i.A. Tristán Llauradó Divisional Quality Director

The manufacture of this product is carried out with greatest care. We guarantee the above details securedby our OM system. The suitability for special applications is not guaranteed. This certificate of analysis does not release you from performing the standard control upon receipt of incoming goods.