



“Т.М.” ЕООД

производство на нишестета,
декстрини и висококачествен етилов алкохол

GM ALCOHOL

CERTIFICATE OF QUALITY

ENA Ethyl alcohol of agricultural origin

100% neutral spirits distilled from corn grains

Synonyms: Ethanol
CAS Number: [64-17-5](#)
Linear Formula: CH₃CH₂OH

Test at 20°C	Regulation (EC) No 110/2008	Result
Description	Colorless, volatile, flammable liquid, hygroscopic. It burns with a blue, smokeless flame	Pass
Color and form	Colorless liquid	Pass
Color test	Colorless (as compared to Standard Solution)	Pass
Solubility	Mixed with water and methylene chloride	Pass
Infrared spectrum	Conforms to Structure	Pass
UV Absorbance (240 – 340nm)	Absorption curve is smooth	Pass
240 nm	< 0,400	0,230
250 – 260 nm	< 0,300	0,107 – 0,031
270 – 340 nm	< 0,100	0,011 – 0,001
Ethanol content	minimum 96,0% vol	96,5
Relative density (d20/20)	Not more than 0,8089	0,8068
Residue on Evaporation	< 0,5 g/hl a.a.	< 0,1
Acidity or Alkalinity	Not more than 1,5 g/hl a.a.	0,2
Impurities	g/hl a.a.	
Acetaldehyde and acetal (as acetaldehyde)	< 0,5	0,1
Methanol	< 30	8,9
Esters (as ethylacetate)	< 1,3	< 0,1
Permanganate test	> 18 minutes	24

The product meets requirements with [Regulation \(EC\) No 110/2008](#) for Ethanol 96%.

Shelf life: 2 years from manufacturing date.

KOSHER CERTIFICATE

ISO 9001 CERTIFIED ORGANIZATION

