

## ANALYSIS REPORT

Report number: SAMPLE

Testing laboratory	Pannonia Bio Zrt. Testing laboratory Hu-7020 Dunaföldvár, Sas utca 7. Hungary
Buyer	

Sample name	Ethanol
Packing	
Labeling of the sample	
Date of sampling	
Place of sampling	
Tank ID.	
Sampling method	Accredited by MSZ EN 3170:2004
Date of arrival of the sample	
Date of analysis	
Instrument	Shimadzu GC 2010, Mettler Toledo C 20, Hach Senslon EC7, Dionex ICS 1100, AAS Shimadzu AA-7700, Hach DR3900, Mettler Toledo DM 45

EN Method	Measured characteristic	Unit	Measurement limit	Specification	Result
MSZ EN 15721:2015	Ethanol + higher saturated alcohols content	%m/m	0,1		
MSZ EN 15721:2015	Ethanol content	%m/m	0,1		
Calculated value	(Ethanol + Higher alcohols ) - water content	%m/m			
MSZ EN 15721:2015	Higher saturated (C3-C5) mono-alcohols content	%m/m	0,1		
MSZ EN 15721:2015	Methanol content	%m/m	0,1		
MSZ EN 15489:2007	Water content	%m/m	0,001		
MSZ EN 15938:2011	Electrical conductivity	µs/cm	0,5		
MSZ EN 15491:2007	Total acidity	%m/m	0,001		
MSZ EN 15769:2009	Visual checking				

LMF-7.8-01/2

The scope of the report is 2 pages. The utilization of the report or reference to it requires the permission of laboratory.

## ANALYSIS REPORT

Report number: SAMPLE

EN Method	Measured characteristic	Unit	Measurement limit	Specification	Result
MSZ EN 15492:2012	Inorganic chloride content	mg/kg	0,2		
MSZ EN 15492:2012	Inorganic sulfate content	mg/kg	0,2		
MSZ EN 15487:2007	Phosphorus content	mg/l	0,15		
MSZ EN 15488:2007	Copper content	mg/kg	0,07		
MSZ EN 15691:2009	Involatile material content	mg/100ml	0,1		
MSZ EN 15486:2007	Sulfur content	mg/kg			
MSZ EN ISO 12185:1996	Density 20°C	kg/m <sup>3</sup>	600		
Calculated value	Density 20°C air	kg/m <sup>3</sup>			
MSZ EN ISO 12185:1996	Density 15°C	kg/m <sup>3</sup>	600		
Calculated value	Density 15°C air	kg/m <sup>3</sup>			
MSZ EN ISO 12185:1998	Alcohol content by volume at 20 °C	V/V %			

The test results are only valid for the analyzed sample.

Dunaföldvár; Date

LMF-7.8-01/2

The scope of the report is 2 pages. The utilization of the report or reference to it requires the permission of laboratory.