



Tarım Ürünleri Sanayi ve Ticaret A.Ş.

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ETHANOL 99% SPECIFICATION

ANALYSES	UNIT	RESULT	REFERANS VALUE	METHOD
Density	g/cm ³ , 20 °C	0,790	max. 0,7934	Pycnometer
Water Content	% m/m	0,0191	max. 0,3	Karl-Fischer
pH		6,7	min. 6,5 / max. 9,0	EN 15490
Total acidity (as acetic acid CH ₃ COOH)	% m/m	0,0018	max. 0,007	EN 15491
Phosphorous	mg/L	0,0080	max. 0,5	EN 15487
Sulphur content	mg/Kg	3,1	max. 10,0	EN 15485
GC By-Products				
Acetaldehyde	g/hl	18,4		EN 13132
Acetone	g/hl	-		EN 13132
Methyl acetate	g/hl	-		EN 13132
Ethyl acetate	g/hl	-		EN 13132
Methanol	g/hl	53,1		EN 13132
Tert. Butanol	g/hl	1,6		EN 13132
Isopropanol	g/hl	-		EN 13132
Ethyl Alcohol	%v/v, 20 °C	99,7902		EN 13132
2-Butanol	g/hl	4,3		EN 13132
N-Propanol	g/hl	4,8		EN 13132
Isobutanol	g/hl	0,7		EN 13132
N-Butanol	g/hl	-		EN 13132
Iso-Amyl Alcohol	g/hl	-		EN 13132
Dimethyl Sulphite	g/hl	-		EN 13132
N-Amyl Alcohol	g/hl	-		EN 13132
Furfural	g/hl	-		EN 13132

100% of the ethanol are originated from molasses of sugarcane.

Best Regards,
G. Mert Aydoğdu

**AYTAŞ TARIM ÜRÜNLERİ
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