

10.06.2016

ETHANOL 96% SPECIFICATION FROM MOLESSAS OF SUGARBEET

Productname	Neutral Ethyl Alcohol from sugarbeat mollasses	
Analysis	Buyer*s request	Defacto
Productuse	Beverage	Beverage
Botanical origin/Year of harvest	sugarbeat mollasses/2015	Sugarbeat mollasses/2015
Appearance	Pureliquid	Pureliquid
Color	Colorless	Colorless
Smell	Purearoma	Purearoma
Taste	Cleantaste	Cleantaste
Volume part of ethyl alcohol in %val.	Min 96,3%	96,32%
Sample purification with sulfuric acid	Stand	Stand
Furfural	Absent	Absent
Oxidability sample in minutes at 20 oC	18'00"	18'00"
Mass concentracion of aldehydes in recalculation to acetic aldehyde in anhydrous alcohol	Max2,0 mg/dm3	0,047 g/hl
Mass concentrationoffusel oil in recalculation of isoamilic and isobutylic alcohol mixing (3:1)	Max 5,0 mg/dm3	0,144 g/hl
Mass concentration of esters in recalculation of ethhyl acetate in anhydrous alcohol	Max 5,0 mg/dm3	0,073 g/hl
Volumetric fraction of methanol in anhydrous alcohol	Max 0,02%	<4,0 g/hl
Mass concentration of free acids (wihtout C02)in anhydrous alcohol	Max 8,0 mg/dm3	0,420 g/hl
Density	Max 0,805 g/cm3	0,8033 g/cm3
Alcohol meets the requirements of SM GOST R 51652-08	Meets	Meets
Alcohol meets the requirements of EC 110/2008	Meets	Meets

a.a.: absolute alcohol (100%alcohol)

**Ethanol is agriculture origin and not dangerous for human consumption under the limit.
 100% of the Ethanol are originated from molessas of sugarbeet. Not produced through dehydration process.**

Ethanol corresponds with the REGULATION (EC) No 110/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 15 January 2008 on the definition, description, presentation, labeling and the protection of geographical indications of spirit drinks and repealing Council Regulation (EEC) No 1576/89.