



**VITSAN**  
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Report No. VG-2820/13

11th September, 2013

### **CERTIFICATE OF INSPECTION**

This is to certify that at the request of Messrs. AYTAŞ TARIM URUNLERİ SANAYİ VE TİC.A.Ş. the surveyor appointed by VITSAN GÖZETİM MÜMESSİLLİK VE TİC.A.Ş., İstanbul/TURKEY, attended at Ege Freezone Gazıemir / İZMİR for the purpose of carrying out sampling and analysis of below detailed product.

Applicant : Aytas Tarım Urunleri Sanayi ve Ticaret A.Ş.  
Product : Etyl Alcohol  
Quantity : 17.649 kg gross - 16.080 kg net / 20.000 Liters  
Bill of Entry No : 015726/06.09.2013  
Packing : In 5 Lt. of white plastic jerry cans ( 4000 x 5 Lt)  
Standard of Sampling : TSE 900-1 ISO EN 3170  
Place of Inspection : Ege Freezone Gazıemir / İZMİR  
Date of Inspection : 09.09.2013  
Quantity of Drawn Samples : Analysis 1 x 1 Lt. / Retain 1 x 1 Lt.  
Lab Report No : VL-2149/13

Our surveyor has drawn samples from the above detailed product and the drawn samples were analysed at Vitsan Gözetim Mümessillik ve Tic. A.Ş. The following results were ascertained:

Test	Method	Unit	Specification	Result
Density@20°C in air.	ASTM D 4052	g/ml		0.8040
Alcohol Content	EC 625/2003(1)	%v/v	Min.96.0	96.6
Color and/or Clarity	EC 625/2003(2)		Colorless and limpid	Colorless and limpid
Permanganate Clearing Time	EC 625/2003(3)*	minute	Min.18	22
Aldehydes, as Acetaldehyde	EC 625/2003(4)	g/hlpa	Max.0.5	<0.1
Higher Alcohols, as 2 methylpropan-1-ol	GLC	g/hlpa	Max.0.5	<0.1
Total Acidity, as Acetic acid	EC 625/2003(6)	g/hlpa	Max.1.5	0.15
Esters, as Ethyl Acetate	EC 625/2003(7)	g/hlpa	Max.1.3	<0.1
Volatile Nitrogen Bases, as N	EC 625/2003(8)	g/hlpa	Max.0.1	<0.1
Methanol	EC 625/2003(9)*	g/hlpa	Max.50	<10
Furfural (within 20 minutes)	EC 625/2003(11)		Absent	Absent
Odour	Organoleptic		I*	Characteristic
Water Miscibility	ASTM D 1722*		passes	passes
Dry Residue	EC 625/2003(10)	g/hlpa		0.4
UV Test				
	270 nm		max.0.02	0.03
	240 nm		max.0.08	0.16
	230 nm		max.0.18	0.28
	220 nm		max.0.30	0.28
C14 Content	EC 625/2003	cBq/gC		0.20

This inspection has been carried out to the best of our knowledge, conscience and ability and our findings in no way relieve suppliers of their contractual obligations and report issued without prejudice to liability.

**VITSAN**  
GÖZETİM MÜMESSİLLİK VE TİCARET A.Ş.

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