



Fidar shimi ramand (Fidar shimi)
Q.C. Laboratory
Certificate of Analysis
(Chemical & Physical Test)

Form No. & Rev.
FS113
Form Revision
Date:
1402-10-20

No. Sample:	-----	Operator:	-----
Lab. Pressure:	-----	Date:	-----
Lab. Temperature:	25 °C	Lab. Relative Humidity:	-----

Name: Ethanol absolute

NO.	Test Description	Unit	Results
			Corrected (101.3 kpa)
1	Purity (GC)	%	≥ 99.7
2	Identity (IR)	-----	conforms
3	Density (d 20 °C/ 4 °C)	g/cm ³	0.789 - 0.790
4	Evaporation residue	%	≤ 0.0025
5	Water	%	≤ 0.1
6	Boiling point(1013 hPa)	C°	78.3
7	Pb (Lead)	%	≤ 0.00001
8	Flash point	C°	13
9	Ignition temperature	C°	425
10	Free acid (as acetic acid)	%	≤ 0.001
11	pH value(10 g/l, H ₂ O, 20 °C)	-----	7.0