



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

Form No. & Rev.
FS100
Form Revision
Date:
1402-03-31

No. Sample:	-----	Operator:	-----
Lab. Pressure:	-----	Date:	-----
Lab. Temperature:	20 °C	Lab. Relative Humidity:	-----

Name: Nitric Acid

NO.	Test Description	Unit	Results
			Corrected (101.3 kpa)
1	Boiling point	°C	121 °C (1013 hPa)
2	Density	g/cm ³	1.39 g/cm ³ (20 °C)
3	Melting Point	°C	-32 °C
4	pH value	°C	<1 (H ₂ O, 20 °C) strongly acid
5	Assay	-----	≥ 64.0 %
6	Chloride (Cl)	g/l	≤ 0.2 ppm
7	Fluoride (F)	%	≤ 1 ppm
8	Sulphate (SO ₄)	-----	≤ 0.5 ppm
9	Fe (Iron)	ppm	≤ 0.1 ppm
10	Pb (Lead)	ppm	≤ 0.01 ppm
11	Residue on ignition (as SO ₄)	ppm	≤ 3 ppm
12	Tested by the dithizone	ppm	passes test