



Barad Exir Azma(barad chemical)
Q.C. Laboratory
Certificate of Analysis
(Chemical & Physical Test)

Form No. & Rev.
BR100
Form Revision Date:

فرم آنالیز مواد

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

Name: Formic acid

NO.	Test Description	Results
		Corrected (101.3 kpa)
1	Assay (acidimetric)	89.0 - 91.0 %
2	Chloride (Cl)	≤ 5 ppm
3	Sulphate (SO ₄)	≤ 5 ppm
4	Heavy metals (as Pb)	≤ 5 ppm
5	Cu (Copper)	≤ 0.02 ppm
6	Fe (Iron)	≤ 2 ppm
7	Na (Sodium)	≤ 0.5 ppm
8	NH ₄ (Ammonium)	≤ 10 ppm
9	Pb (Lead)	≤ 0.02 ppm
10	Boiling point	107 °C (1013 hPa)
11	Density	1.2 g/cm ³ (20 °C)
12	Explosion limit	10 - 45.5 %(V)
13	Flash point	71 °C
14	Ignition temperature	485 °C
15	Melting Point	-9 °C