



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:	<b>h.radpour</b>
Lab. Pressure:	-----	Date:	-----
Lab. Temperature:	25 °C	Lab. Relative Humidity:	-----

**Name: Propylene glycol**

NO.	Test Description	Results
		Corrected (101.3 kpa)
1	Purity (GC)	≥ 99.0 %
2	Identity (IR)	conforms
3	Density (d 20 °C/ 4 °C)	1.036 - 1.037
4	Water	≤ 0.20 %
5	Boiling point	188 °C (1013 hPa)
6	Density	1.04 g/cm <sup>3</sup> (20 °C)
7	Explosion limit	2.4 - 17.4 %(V)
8	Flash point	99 °C
9	Ignition temperature	371 °C
10	Melting Point	-59 °C
11	pH value	6 - 8 (100 g/l, H <sub>2</sub> O, 20 °C)
12	Vapor pressure	0.11 hPa (20 °C)
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14		
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