



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

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

فرم آنالیز مواد

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

Name: Formaldehyde solution 10 %

| NO. | Test Description                  | Unit              | Results                  |
|-----|-----------------------------------|-------------------|--------------------------|
|     |                                   |                   | Corrected<br>(101.3 kpa) |
| 1   | Boiling point                     | °C                | 93 - 96                  |
| 2   | Density (20 °C)                   | g/cm <sup>3</sup> | 1.05                     |
| 3   | Flash point(Formaldehyde)         | °C                | 62                       |
| 4   | pH value(H <sub>2</sub> O, 20 °C) | -----             | 3.5-4.5                  |
| 5   | Assay                             | %                 | 10-12                    |
| 6   | Appearance of solution            | %                 | passes test              |
| 7   | Free acid (as HCOOH)              | %                 | ≤ 0.025                  |
| 8   | Chloride (Cl)                     | %                 | ≤ 0.0001                 |
| 9   | Sulphate (SO <sub>4</sub> )       | %                 | ≤ 0.002                  |
| 10  | Heavy metals (as Pb)              | %                 | ≤ 0.0002                 |
| 11  | Methanol (GC)                     | %                 | 7.0 - 9.0                |
| 12  | Sulfated ash                      | %                 | ≤ 0.002                  |

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