



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: Sulfuric acid

| NO. | Test Description | Results |
|-----|--|---------------------------------------|
| | | Corrected (101.3 kpa) |
| 1 | Assay (alkalimetric) | ≥ 98.0 % |
| 2 | Boiling point | 335 °C (1013 hPa) |
| 3 | Density | 1.84 g/cm ³ (20 °C) |
| 4 | Melting Point | -20 °C |
| 5 | pH value | 0.3 (49 g/l, H ₂ O, 25 °C) |
| 6 | Colour | ≤ 10 Hazen |
| 7 | Chloride (Cl) | ≤ 0.00001 % |
| 8 | Nitrate (NO ₃) | ≤ 0.00002 % |
| 9 | Phosphate (PO ₄) | ≤ 0.00005 % |
| 10 | Fe (Iron) | ≤ 0.00001 |
| 11 | Pb (Lead) | ≤ 0.000002 % |
| 12 | Substances reducing potassium permanganate (as SO ₂) | ≤ 0.0002 % |
| 13 | Residue on ignition | ≤ 0.0005 % |