



## Gahar Lorestan Petro refinery company

| Heavy End        |                   |             |       |
|------------------|-------------------|-------------|-------|
| QUALITY          |                   |             |       |
| TEST             | UNIT              | METHOD      | LIMIT |
|                  |                   | ASTM D 4052 |       |
| Density          | g/cm <sup>3</sup> |             | 0.795 |
| Distillation     |                   |             |       |
| IBP              | °C                | ASTM D 86   | 133   |
| 10% recovered at | °C                | ASTM D 86   | 153   |
| 20% recovered at | °C                | ASTM D 86   | 163   |
| 30% recovered at | °C                | ASTM D 86   | 173   |
| 40% recovered at | °C                | ASTM D 86   | 183   |
| 50% recovered at | °C                | ASTM D 86   | 193   |
| 60% recovered at | °C                | ASTM D 86   | 206   |
| 70% recovered at | °C                | ASTM D 86   | 221   |
| 80% recovered at | °C                | ASTM D 86   | 243   |
| 90% recovered at | °C                | ASTM D 86   | 273   |
| 95% recovered at | °C                | ASTM D 86   | 306   |
| FBP              | °C                | ASTM D 86   | 335   |
| Recovery         | Vol%              | ASTM D 86   | 99.5  |
| Lost             | Vol%              | ASTM D 86   | 0.0   |
| Residue          | Vol%              | ASTM D 86   | 0.5   |
| Flash Point      | °C                | ASTM D 93   | Min35 |