



KHARG PETROCHEMICAL CO.
K.P.C

Address: No.40, Dodjamjou St., North Dibaji St., P.O. Box 19615-317, Zip Code
1951994511 Tehran, IRAN

Tel: 00 98 21 22808138 Fax: 00 98 21 22810990 email: export@khrpc.com

FM-ENG-06-04

METHANOL

PRODUCT AT KHARG PETROCHEMICAL COMPANY

| <u>TEST</u> | | <u>ASTM METHOD</u> | <u>RESULTS</u> |
|-------------------------------|------|--------------------|---|
| 1- PURITY WT% | MIN. | ASTM E-346 | 99.85 |
| 2- WATER WT%. | MAX. | ASTM E-1064 | 0.1 |
| 3-ACETONE & ALDEHYDE WT% MAX. | | ASTM D-1612 | 0.003 |
| 4-ETHANOL WT% | MAX. | ASTM E-346 | 0.004 |
| 5- SP.GR @ 20/20°C | MAX. | ASTM D-4052 | 0.7928 |
| 6- ACETONE WT% | MAX. | ASTM E-346 | 0.002 |
| 7-PERMANGANATE TIME | | ASTM D-1363 | GREATER THAN 60 MIN |
| 8-NON VOLATILE MATTER | | ASTM D-1353 | LESS THAN 8mg/1000ML |
| 9-DISTILATION RANGE °C | | ASTM D-1078 | NOT MORE THAN 1°C AND SHALL INCLUDE 64.6°C± 0.1°C |
| 10-COLOR PT-Co Scale | MAX. | ASTM D-1209 | 5 |
| 11-CARBONIZABLE | MAX. | ASTM E-346 | 30 |
| 12-PH | MAX | ASTM D-1293 | 7.5 |
| 13-IRON PPM | MAX. | ASTM D-1068 | 0.1 |
| 14-CHLORIDE PPM | MAX. | ASTM D-512 | 0.2 |

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|-------------------------------------|------|-------------|---|
| 15-APPEARANCE | | ---- | CLEAR AND FREE FROM SUSPENDED MATTER |
| 16-ODOR | | ASTM D-1296 | CHARACTERISTIC NONRESIDUAL |
| 17-MISCIBILITY | | ASTM D-1722 | PASSES TEST |
| 18-ACIDITY AS CH ₃ COOH% | MAX. | ASTM D-1613 | 0.003 |
| 19-ALKALINITY AS NH ₃ % | MAX. | ASTM D-1614 | 0.003 |
| 20-HYDROCARBONS | | ASTM D-1722 | PASSES TEST |
| 21-SULFUR PPM | MAX | ASTM D-5623 | 0.2 |
| 22-TMA PPb | MAX | ASTM E-346 | 50 |

Country Of Origin: Islamic Republic of Iran

