



Fanavaran Petrochemical Company

Certificate of Methanol's Product

TEST	METHOD	RESULT	LIMIT(SPEC)
<i>Appearance</i>	<i>ASTM-D 1722</i>	<i>Clear and free of suspended matter</i>	<i>Clear and free of suspended matter</i>
<i>Purity(WT%)</i>	<i>ASTM-E346</i>	<i>Greater than 99.85%</i>	<i>Min 99.85</i>
<i>Water(WT%)</i>	<i>ASTM-E203</i>	<i>Less than 0.1</i>	<i>Max 0.1</i>
<i>Ethanol(WT%)</i>	<i>ASTM-E346</i>	<i>Less than 0.005</i>	<i>Max 0.005</i>
<i><u>SP.GR@20/20</u></i>	<i>ASTM-D 4052</i>	<i>0.791 -0.793</i>	<i>0.791-0.793</i>
<i>Acetone(WT%)</i>	<i>ASTM-E346</i>	<i>Less than 0.001</i>	<i>Max 0.001</i>
<i>Permanganate Time@15°C,minutes</i>	<i>ASTM-D 1363</i>	<i>Greater than 60 minutes</i>	<i>Minimum 60'</i>
<i>Distillation Range</i>	<i>ASTM-D 1078</i>	<i>Less than 1.0 °C.</i>	<i>Max 1.0°C to include 64.6°C ± 0.1</i>
<i>Acidity(WT%) (as acetic acid)</i>	<i>ASTM-D 1613</i>	<i>Less than 0.003</i>	<i>Max 0.003</i>
<i>Total Iron(ppm)</i>	<i>ASTM-D 1068</i>	<i>Less than 0.1</i>	<i>Max 0.1</i>
<i>Choloride(ppm)</i>	<i>ASTM-D512</i>	<i>Less than 0.2</i>	<i>Max 0.2</i>
<i>SULPHUR(ppm)</i>	<i>ASTM-D5623</i>	<i>NIL</i>	<i>NIL</i>
<i>Hydrocarbons (Water Miscibility)</i>	<i>ASTM-D1722</i>	<i>Passes test</i>	<i>Passes test</i>
<i>Carbonisable PT-CO</i>	<i>ASTM-E346</i>	<i>Below 30 APHA</i>	<i>Max 30 APHA</i>
<i>Odour</i>	<i>ASTM-D 1296</i>	<i>Characteristic nonresidual</i>	<i>Characteristic with nonresidual odour</i>
<i>Colour PT-CO APHA</i>	<i>ASTM-D 1209</i>	<i>Below 5 APHA</i>	<i>Max 5 APHA</i>
<i>Non Volatile Matter</i>	<i>ASTM-D 1353</i>	<i>Less than 8 mg/1000ml</i>	<i>Max 8 mg/1000ml</i>
<i>Alkalinity as NH3(WT%)</i>	<i>ASTM-D1614</i>	<i>Nil</i>	<i>NIL</i>

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