

EMethanex - Methanol Specification

Test	Limit	Method
Appearance	Clear & Free of suspended matter	IMPCA 003-98
Purity % wt on dry basis	Min 99.85	IMPCA 001-02
Acetone mg/kg	Max 30	IMPCA 001-02
Color Pt-Co	Max 5	ASTM D 1209-00
Water % w/w	Max 0.1	ASTM E 1064-04
Distillation Range at 760 mm Hg	Max 1.0°C to include 64.6° ± 0.1°	ASTM D 1078-03
Specific Gravity 20°C/20°C	0.791 – 0.793	ASTM D 891-00 or ASTM D 4052-02
Potassium Permanganate Time test at 15°C, minutes	Min 60	ASTM D 1363-01
Ethanol mg/kg	Max 50	IMPCA 001-02
Chloride as Cl ⁻ mg/kg	Max 0.5	IMPCA 002-98
Sulphur mg/kg	Max 0.5	ASTM D 3961-98
Hydrocarbons	Pass test	ASTM D 1722-04
Carbonizable Substances (Sulfuric Acid Wash Test) Pt-Co scale	Max 30	ASTM E 346-03
Acidity as acetic acid mg/kg	Max 30	ASTM D 1613-03
Total Iron mg/kg	Max 0.1	ASTM E 394-00
Non Volatile Matter mg/1000 mL	Max 8	ASTM D 1353-03

METHANOL REFERENCE SPECIFICATIONS

In the event that standard sales specifications in the market are modified, then Buyer has the right to modify the above specification after consultation with Seller.