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METHANOL SALES SPECIFICATIONS

<u>Items</u>	<u>Limit</u>	<u>Method</u>
Purity, wt%, min.	99.85	IMPCA 001
Specific Gravity, 20°C/20°C	0.791- 0.793	ASTM D 891
Distillation Range, °C at 760 mm Hg	1.0 (incl. 64.6±0.1)	ASTM D 1078
Color, Pt-Co, max.	5	ASTM D 1209
Odor	characteristic nonresidual	ASTM D 1296
Carbonizable impurities color, Pt-Co, max.	30	ASTM E 346
Appearance	Clear, no sediment	Visual
Nonvolatile content, mg/kg, max.	10	ASTM D 1353
Potassium Permanganate, minutes, min.	60	ASTM D 1363
Acetone + Aldehydes, wt%, max.	0.003	ASTM E 346
Acetone, wt%, max.	0.002	ASTM E 346 modified
Ethanol, wt%, max.	0.001	ASTM E 346
Chloride, Cl', wt%, max.	0.00005	IMPCA 002
Sulfur, wt%, max.	0.00005	ASTM D 3961
Total iron, wt%, max.	0.00001	ASTM D 394
Hydrocarbons	Pass test	ASTM D 1722
Acidity, wt%, max.	0.003	ASTM D 1613
Water, wt%, max.	0.1	ASTM E 1064 or D 346
Water miscibility	no turbidity	