

## ETHANE SPECIFICATIONS

COMPONENT	TEST METHODS	SPECIFICATIONS
Methane	ASTMD-2163	3.0 Liq. Vol. % max.
Ethane	ASTMD-2163	95.0 Liq. Vol.% min.
Ethylene	ASTMD-2163	1.0 Liq. Vol. % max.
Propane & Heavier	ASTM D-2163	3.5 Liq. Vol. % m a x .
Corrosion, Copper Strip at 100°	ASTM D-1838	No. 1 (See Notes 1 & 2)
Total Sulfur	ASTM D-4045	30 ppm wt. max.
Water Content	Visual	No Free Water
Carbon Dioxide	ASTM D-2504	1000 ppm wt. in Liq. max.

### NOTES ON TEST METHODS:

Method numbers listed above, beginning with the letter "D," are American Society for Testing and Materials (ASTM), Standard Test Procedures. The most recent year revision for the procedures will be used.

**CONTAMINANTS:** The specification defines only the basic purity for this product. The product is to be free of any contamination that might render the product unusable for its commonly used applications. Specific contaminants include (but are not limited to) dirt, rust, scale, and all other types of solid contaminants, caustic, amines, chlorides, heavy metals, oxygenates, inerts and any component added to the product to enhance the ability to meet the specifications. Particulate content shall be less than 20 micron in size. Ethane shall be commercially free from sand, dust, gums, and gum-forming substances, oil, catalyst poisons, impurities, and other objectionable substances which may be injurious to the system or which may interfere with its transmission through the system.

1. Caution – Use a corrosion cylinder rated at a minimum of 1500 psig.
2. The use of copper corrosion masking agents is strictly prohibited.