



ROYAL GLOBAL ENERGY

RGE's core business Oil, Gas, Refining and Petrochemicals

Product Name: Ethylene			
Component	Value	Unit	Test Method
Ethylene Purity	≥ 99.9	mol %	Calculation
Hydrogen	≤ 10	ppm vol	ASTM D2504
Carbon Monoxide	≤ 2	ppm vol	ASTM D2504
Carbon Dioxide	≤ 5	ppm vol	ASTM D2505
Total Sulfur	≤ 2	ppm wt	ASTM D6667
Methane + Ethane	≤ 1000	ppm vol	ASTM D2505
Acetylene	≤ 5	ppm vol	ASTM D2505
Total C3 & higher	≤ 10	ppm vol	ASTM D2505
Total Combined Nitrogen Calculated as NH ₃	≤ 1	ppm wt	ASTM D4629
Water	≤ 10	ppm vol	ASTM D5454
Oxygen	≤ 5	ppm vol	ASTM D7607
Methanol and other Oxygenated compounds	≤ 10	ppm vol	ASTM D4815