

Parameter	Formula	Guideline	Limit
Purity		99.9%	v/v min
Moisture	H ₂ O	20.0ppm	v/v max
Oxygen	O ₂	30.0ppm	v/v max
Carbon Monoxide	CO	10.0ppm	v/v max
Oxides of Nitrogen	NO _x	5.0ppm	v/v max
Nitrogen Monoxide	NO	2.5ppm	v/v max
Nitrogen Dioxide	NO ₂	2.5ppm	v/v max
Non-Volatile Residue	NVR	10.0ppm	w/w max
Non-Volatile Organic Residue	NVOR	5.0ppm	w/w max
Methanol	CH ₃ OH	10.0ppm	v/v max
Total Volatile Hydrocarbons as Methane	THC	50.0ppm	v/v max
(including total non-methane hydrocarbons)	TNMHC	20.0ppm	v/v max
Ammonia	NH ₃	2.5ppm	v/v max
Acetaldehyde	AA	0.20ppm	v/v max
Aromatic Hydrocarbon	C ₆ H ₆	0.020ppm	v/v max
Total Sulfur (Total Sulfur-containing impurities excluding sulfur-dioxide)	TS	0.10ppm	v/v max
Sulfur Dioxide	SO ₂	1.0ppm	v/v max
Odor of Solid CO ₂ (snow)		No Foreign Odor	
Appearance of Solid CO ₂ (snow)		No foreign Appearance	
Odor & Taste in Water		No foreign odor or taste	
Appearance in Water		No color or turbidity	