

Ethanol

Product:

Ethanol (gasoline 1% denatured)

Applicable standards:

EN 15376: 2014 (prior to denaturing) [2]

Use:

For use in gasoline blending

Sales specification (prior to denaturing)	Units	Minimum	Maximum
Ethanol + higher saturated alcohols content	% (m/m)	98.7	-
Higher saturated (C3-C5) mono-alcohols content	% (m/m)	-	2.0
Methanol content	% (m/m)	-	1.0
Water content	% (m/m)	-	0.30
Total acidity (expressed as acetic acid)	% (m/m)	-	0.007
Electrical conductivity	$\mu\text{S/cm}$	-	2.5
Inorganic chloride content	mg/kg	-	1.5
Sulphate content	mg/kg	-	3.0
Copper content	mg/kg	-	0.10
Phosphorus content	mg/l	-	0.15
Involatile material content	mg/100ml	-	10
Sulphur content	mg/kg	-	10.0

Additional Information

1. Visual appearance should be clear and colourless and free from undissolved water.
2. Fuel grade ethanol is denatured with $\geq 1.0\%$ (v/v) of gasoline
3. Health, Safety and Environmental information is given on Safety Data Sheet.