

E0760FF Gold Line	
60%	
Typical analysis	
Assay (v/v)	60%
Methanol (CH ₃ OH)	0.02%
Residue on evaporation	0.003%

Packaging
2.5l clear plastic bottle

E0790FF Gold Line	
90%	
Typical analysis	
Assay (v/v)	90%
Methanol (CH ₃ OH)	0.02%
Residue on evaporation	0.003%
Water miscibility	complete

Packaging
500ml clear plastic bottle
2.5l clear plastic bottle

E0798FF Gold Line	
absolute 99,9%	
Typical analysis	
Assay (v/v)	min 99.7%
Methanol (CH ₃ OH)	0.05%
Residue on evaporation	0.002%
Water (H ₂ O)	0.05%

Packaging
500ml clear plastic bottle
2.5l clear plastic bottle

E0768FF Platinum Line	
68%	
Warranty certificate	
Assay (v/v)	min 68%
Methanol (CH ₃ OH)	0.005%
Residue on evaporation	0.003%
Water miscibility	complete

Packaging
2.5l clear plastic bottle

E0795FF Gold Line	
rectified 96%	
Typical analysis	
Assay (v/v)	96%
Methanol (CH ₃ OH)	0.03%
Residue on evaporation	0.005%
Water miscibility	complete

Packaging
500ml clear plastic bottle
2.5l clear plastic bottle

E0799FF Platinum Line	
absolute 99,9%	
Warranty certificate	
Assay (v/v)	min 99.8%
Acidity (Acetic acid)	0.003%
Aldehydes	0.0005%
Furfuraldehydes	0.001%
Iron (Fe)	0.0001%
Lead (Pb)	0.00005%
Methanol (CH ₃ OH)	0.05%
Water (H ₂ O)	0.02%

Packaging
500ml clear plastic bottle
2.5l clear plastic bottle

E0770FF Gold Line	
70%	
Typical analysis	
Assay (v/v)	70%
Methanol (CH ₃ OH)	0.02%
Residue on evaporation	0.003%

Packaging
500ml clear plastic bottle
2.5l clear plastic bottle

E0796FF Platinum Line	
rectified 96%	
Warranty certificate	
Assay (v/v)	min 96%
Acidity (Acetic acid)	0.003%
Aldehydes	0.0005%
Copper (Cu)	0.00005%
Iron (Fe)	0.0001%
Lead (Pb)	0.00005%
Methanol (CH ₃ OH)	0.005%
Residue on evaporation	0.003%

Packaging
500ml clear plastic bottle
2.5l clear plastic bottle

E0800FF HPLC Line	
Warranty certificate	
Minimum purity	99.8%
Non-volatile residue	0.0005%
Water (H ₂ O) [Karl Fisher]	0.05%
Acidity (in CH ₃ COOH)	0.001%
Quartz cuvette: 1cm - control standard: water	
30 - 80 - 90 - 98 (Transmission %)	
210 - 240 - 250 - 260 (Wavelength nm)	

Packaging
2.5l amber glass bottle

Physical properties, composition and data

Chemical formula	C ₂ H ₅ OH or CH ₃ CH ₂ OH
Chemical group	Alcohols
Synonym	Alcohol; Ethyl alcohol; Ethyl hydrate; Ethyl hydroxide; Grain alcohol; Spirit of wine; Spirit
Atomic weight	46.07
Weight per litre	0.79kg
Appearance	Clear, colourless, mobile liquid
Odour	Pleasant odour
Miscibility	Miscible with water, methanol, ether, chloroform, acetone and many organic solvents
Melting point	- 114.1°C
Boiling point	78.5°C
Flash point	12.7°C (closed cup)
Ignition point	425°C
Density (g/ml)	0.79
pH (aqueous solution)	Neutral
Hazardous material	Flammable

Laboratory preparation, applications and practices

Laboratory preparation	Fermentation of starch, sugar and other carbohydrates
Usage	Analytical reagent
Filter paper	Filtech no: 0222, 0225, 1839

Storage and handling information

Storage	Store in a fireproof place separated from oxidants
Safety phrases	7-16
Risk phrases	11
Disposal methods	14

Transport regulations

Tariff code	2207.10.00
Hazardous class	3
Packing group	II
UN number	1170
ERG number	127
ECB number	200-578-6

