

E0825FF	Gold Line
<b>Typical analysis</b>	
Assay	99%
Residue on evaporation	0.003%
Water (H <sub>2</sub> O)	0.1%

Packaging
500ml amber glass bottle
2.5l amber glass bottle
25l metal drum

E0826FF	Platinum Line
<b>Warranty certificate</b>	
Assay (GLC)	min 99.8%
Acidity (in CH <sub>3</sub> COOH)	0.005%
Ethyl alcohol	<0.1%
Iron (Fe)	0.001%
Lead (Pb)	0.0001%
Non-volatile matter	0.001%
Water (H <sub>2</sub> O)	0.05%

Packaging
500ml amber glass bottle
2.5l amber glass bottle
25l metal drum

E0827FF	HPLC Line
<b>Warranty certificate</b>	
Assay	99.8%
Acidity (in CH <sub>3</sub> COOH)	0.03%
Ethanol	0.02%
Methanol	0.01%
Methyl acetate	0.1%
Non-volatile residue	0.001%
Water (H <sub>2</sub> O)	0.02%

Quartz cuvette: 1 cm - control standard: water  
75 - 90 - 95 (Transmission %)  
260 - 270 - 300 (Wavelength nm)

Packaging
2.5l amber glass bottle

#### Physical properties, composition and data

Chemical formula	CH <sub>3</sub> COOC <sub>2</sub> H <sub>5</sub>
Chemical group	Acetates
Synonym	Acetic acid ethyl ester; Acetic ether; Acetic ester; Vinegar naphtha
Atomic weight	88.11
Weight per litre	0.90kg
Appearance	Clear, volatile liquid
Odour	Fruity odour
Miscibility	Miscible with acetone, alcohol, chloroform, ether and water
Melting point	- 83.7°C
Boiling point	77.1°C
Flash point	- 4.4°C
Auto ignition point	427°C
Density (g/ml)	0.902
Hazardous material	Flammable

#### Laboratory preparation, applications and practices

Laboratory preparation	A slow distillation of a mixture of acetic acid, ethyl alcohol and sulphuric acid
Usage	Solvent for micro cellulose
Filter paper	Filtech no: 0222, 0225, 1839

#### Storage and handling information

Storage	Store in a fireproof place
Safety phrases	16-23-29-33
Risk phrases	11
Disposal methods	14

#### Transport regulations

Tariff code	2915.31.00
Hazardous class	3.2
Packing group	II
UN number	1173
ERG number	129

