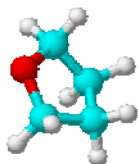


T2840FI	Gold Line
<b>Typical analysis</b>	
Assay (GLC)	99%
Free acid (as CH <sub>3</sub> COOH)	0.002%
Peroxides (as H <sub>2</sub> O <sub>2</sub> )	0.01%
Residue on ignition	0.005%
Water (H <sub>2</sub> O)	0.1%



Packaging
500ml amber glass bottle
2.5l amber glass bottle

T2841FI	Platinum Line
<b>Warranty certificate</b>	
Assay (GC)	min 99.5%
Cadmium (Cd)	0.000005%
Calcium (Ca)	0.00005%
Copper (Cu)	0.000005%
Free Acid (as CH <sub>3</sub> COOH)	0.0003%
Iron (Fe)	0.00001%
Lead (Pb)	0.00001%
Magnesium (Mg)	0.00001%
Nickel (Ni)	0.000002%
Non-volatile matter	0.001%
Peroxides (as H <sub>2</sub> O <sub>2</sub> )	0.005%
Water content	0.05%
Zinc (Zn)	0.00001%

Packaging
500ml amber glass bottle
2.5l amber glass bottle

T2842FI	HPLC Line
<b>Warranty certificate</b>	
Assay (GC)	99.97%
Acidity (in CH <sub>3</sub> COOH)	0.001%
Non-volatile matter	0.0005%
Packed under nitrogen	
Peroxides (in H <sub>2</sub> O <sub>2</sub> )	0.03%
Stabilizer	no t stabilizer
Water (H <sub>2</sub> O)	0.03%

UV transmission
Quartz cuvette : 1 cm - control standard: water
20 - 45 - 90 - 95 (Transmission %)
240 - 250 - 300 - 320 (Wavelength nm)

Packaging
2.5l amber glass bottle

## Physical properties, composition and data

Chemical formula	O.(CH <sub>2</sub> ) <sub>3</sub> .CH <sub>2</sub> or C <sub>4</sub> H <sub>8</sub> O
Synonym	Diethylene oxide; tetramethylene oxide; THF
Chemical group	Solvents
Atomic weight	72.11
Weight per litre	0.88kg
Appearance	Colourless clear liquid
Odour	Ethereal odour
Miscibility	Miscible with water, alcohol, ketones, esters, ethers and hydrocarbons
Melting point	-108.5°C
Boiling point	64 - 65°C
Flash point	-24°C
Ignition point	230°C
Density (g/ml)	0.889
Hazardous material	Flammable and irritant
Auto ignition temperature	230°C

## Laboratory preparation, applications and practices

Laboratory preparation	Catalytic hydrogenation of maleic anhydride
Usage	Solvent for high polymers, histological techniques
Filter paper	Filtech no: 0222, 0225, 1839

## Storage and handling information

Storage	Store at room temperature separated from oxidants
Safety phrases	16-29-33
Risk phrases	11-19-36/37
Disposal methods	14
Caution	Narcotic in high concentrations

## Transport regulations

Tariff code	2932.11.00
Hazardous class	3
Packing group	II
UN number	2056
ERG number	127

