

Diethyl Ether, LVI-GC

(C₂H₅)₂O FW. 74.12
CAS-No. 60-29-7
Code LV1046E

Density 1 L = 0.710 Kg.
Melting Point - 116.3 °C
Boiling Point 34.6 °C

Specifications

Assay (by GC.)	99.60% min.
Identity (IR)	Passes test
Color (APHA)	10 max.
Water (by Coulometry)	0.01% max.
Acidity (mEq./g.)	0.0005 max.
Residue on Evaporation	0.0003% max.
Peroxide (as H ₂ O ₂)	5 ppm max.
ECD (as lindane standard) Single impurity peak	2 pg/ml max.
Any hydrocarbon between C10 to C40	0.1 mg/L max.

Stabilized with about 1% ethanol.

Residual trace analysis concentration 500 : 0.5 mL.

Product passed through 0.1 micron final filter and bottled under inert gas.