

Diethyl Ether, HPLC

(C ₂ H ₅) ₂ O	FW. 74.12	Density 1 L = 0.710 Kg.
CAS-No.	60-29-7	Melting Point - 116.3 °C
Code	LC1046E	Boiling Point 34.6 °C

Specifications

Assay (by GC.)	99.5%	min.
Appearance	Clear and colorless liquid	
Identity (IR)	Passes test	
Color (APHA)	10	max.
Water (by Coulometry)	0.02%	max.
Acidity (mEq./g.)	0.0002	max.
Residue on Evaporation	0.0005%	max.
Peroxide (as H ₂ O ₂)	5	ppm max.
UV Transmission Levels (%T)		
280 nm	99%	min.
260 nm	95%	min.
250 nm	90%	min.
240 nm	80%	min.
230 nm	70%	min.
Fluorescence (as quinine)		
at 365 nm	1	ppb max.

Stabilized with about 1% ethanol.

Product passed through 0.2 micron final filter.