

Diethyl ether, UV-IR

(C₂H₅)₂O FW. 74.12
CAS-No. 60-29-7
Code IR1044B

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

Specifications

Assay (by GC.)	99.5%	min.
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	98%	min.
270 nm	95%	min.
260 nm	90%	min.
250 nm	75%	min.
230 nm	40%	min.
Fluorescence (as quinine)		
at 254 nm	2	ppb max.
at 365 nm	2	ppb max.

Stabilized with about 5 ppm BHT.

Product passed through 0.2 micron final filter.