

## Methyl-t-Butyl Ether, HPLC

|   |                        |                          |
|---|------------------------|--------------------------|
| CH <sub>3</sub> OC(CH <sub>3</sub> ) <sub>3</sub> | FW. 88.15              | Density 1 L = 0.740 Kg.  |
| CAS-No.   | 1634-04-4              | Melting Point - 108.6 °C |
| Code  | <a href="#">LC1125</a> | Boiling Point 55.3 °C    |

### Specifications

|  |                            |          |
|--|----------------------------|----------|
| Assay (by GC.)                               | 99.8%                      | min.     |
| Appearance                                   | Clear and colorless liquid |          |
| Identity (IR)                                | Passes test                |          |
| Color (APHA)                                 | 10                         | max.     |
| Water (by Coulometry)                        | 0.02%                      | max.     |
| Acidity (mEq./g.)                            | 0.0005                     | max.     |
| Residue on Evaporation                       | 0.0003%                    | max.     |
| Peroxide (as H <sub>2</sub> O <sub>2</sub> ) | 1                          | ppm max. |
| UV Transmission Levels (%T)                  |                            |          |
| 280 nm                                       | 99%                        | min.     |
| 270 nm                                       | 98%                        | min.     |
| 260 nm                                       | 90%                        | min.     |
| 250 nm                                       | 80%                        | min.     |
| 240 nm                                       | 60%                        | min.     |
| Fluorescence (as quinine)                    |                            |          |
| at 365 nm                                    | 1                          | ppb max. |

Product passed through 0.2 micron final filter.