



### SPECIFICATION SHEET

Product Name : tert-Butyl methyl ether, for liquid chromatography  
Product Number : 908.027  
Brand : ISOLAB  
CAS Number : 1634-04-4  
Formula : C<sub>5</sub>H<sub>12</sub>O  
Formula Weight : 88.15 g/mol

| TEST NAME                                     | SPECIFICATION     | UNIT  |
|---|-------------------|-------|
| Purity (GC)                                   | ≥ 99.8 %          | %     |
| Appearance                                    | Colorless, liquid |       |
| Identity (IR)                                 | passes test       |       |
| Evaporation residue                           | ≤ 0.0002 %        | %     |
| Water   | ≤ 0.01 %          | %     |
| Acidity                                       | ≤ 0.0002 meq/g    | meq/g |
| Alkalinity                                    | ≤ 0.0002 meq/g    | meq/g |
| Transmission (at 210 nm)                      | ≥ 10 %            | %     |
| Transmission (at 220 nm)                      | ≥ 40 %            | %     |
| Transmission (at 240 nm)                      | ≥ 60 %            | %     |
| Transmission (at 250 nm)                      | ≥ 80 %            | %     |
| Transmission (at 255 nm)                      | ≥ 85 %            | %     |
| Transmission (at 260 nm)                      | ≥ 90 %            | %     |
| Transmission (at 280 nm)                      | ≥ 98 %            | %     |
| Transmission (at 300 nm)                      | ≥ 99 %            | %     |
| Transmission (at 400 nm)                      | ≥ 99 %            | %     |
| Color (APHA)                                  | ≤ 10              |       |
| Peroxides (as H <sub>2</sub> O <sub>2</sub> ) | ≤ 0.0005 %        | %     |
| Filtered by 0.2 µm filter                     |                   |       |

Quality Management  
Isolab Laborgerate GmbH

