

# SPECIFICATION

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Product Code 74455-0380  
Commodity 4-Methyl-2-pentanone  
Grade Guaranteed Reagent  
Q'ty 1L

| [Test Item]                                                                     | [Standard]        | CASNo.108-10-1 |
|---------------------------------------------------------------------------------|-------------------|----------------|
| ASSAY[(CH <sub>3</sub> ) <sub>2</sub> CHCH <sub>2</sub> COCH <sub>3</sub> ](GC) | min. 99.5 %(m/m)  |                |
| Solubility in ethanol                                                           | To pass test      |                |
| Density (20°C)                                                                  | 0.799~0.804 g/ml  |                |
| Refractive index $n_D^{20}$                                                     | 1.394~1.397       |                |
| Water                                                                           | max. 0.1 %(m/m)   |                |
| Non-volatile matter                                                             | max. 0.001 %(m/m) |                |
| Acid (as CH <sub>3</sub> COOH)                                                  | max. 0.01 %(m/m)  |                |
| Substances darkened by H <sub>2</sub> SO <sub>4</sub>                           | To pass test      |                |