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## Typical Product Specifications & Properties

# Propionaldehyde

CAS Number: : 123-38-6

| Specifications   | Limits                                  |
|------------------|---|
| Density          | 0.807 (204 c)                           |
| Appearance       | colorless clear liquid                  |
| Specific gravity | 0.79800 to 0.84500 @ 25.00 °C           |
| Acid Value       | 5.00 max. KOH/g                         |
| Vapor Pressure   | 299.383000 mm/Hg @ 25.00 °C             |
| Odor             | earthy alcohol wine whiskey cocoa nutty |
| Refractive Index | 1.36500 to 1.37500 @ 20.00 °C           |
| Boiling Point    | 46.00 to 50.00 °C. @ 760.00 mm Hg       |
| Color            | colorless mobile liquid                 |
| Molecular weight | 58.08                                   |
| Vapor Density    | 2                                       |
| Odor Type        | ethereal                                |



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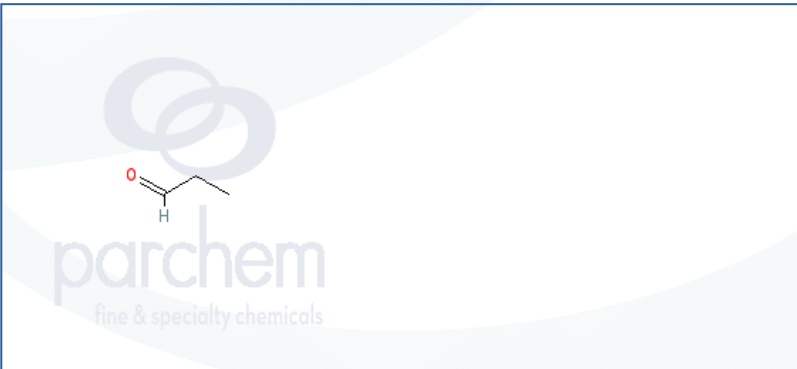
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| Specifications     | Limits  |
|--------------------|---|
| Assay              | 97.00 to 100.00 %   |
| Pounds/Gallon      | 6.640 to 7.031  |
| Melting Point      | -81.00 to -80.00 °C. @ 760.00 mm Hg   |
| Flash Point        | -16.00 °F.TCC   |
| logP (o/w)         | 0.40  |
| Taste              | Musty, yeasty, nutty, vegetative nuances potato, blue cheese, fruity, broccoli, almond, chocolate |
| Solubility         | 5 vols water  |
| Chemical Structure |               |



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