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## Typical Product Specifications & Properties

# valeraldehyde

CAS Number: : 110-62-3

| Specifications   | Limits                                          |
|------------------|-------------------------------------------------|
| Density          | 0.81 (204 c)                                    |
| Slightly Soluble | in water                                        |
| Assay            | 97.00 to 100.00 %                               |
| Pounds/Gallon    | 6.698 to 6.732                                  |
| Refractive Index | 1.39000 to 1.39500 @ 20.00 °C                   |
| Acid Value       | 5.00 max. KOH/g                                 |
| logP (o/w)       | 1.44                                            |
| Odor Type        | fermented                                       |
| Taste            | Winey, fermented, bready, cocoa chocolate notes |
| Appearance       | colorless to pale yellow clear liquid           |
| Specific gravity | 0.80500 to 0.80900 @ 25.00 °C                   |
| Boiling Point    | 102.00 to 103.00 °C. @ 760.00 mm Hg             |



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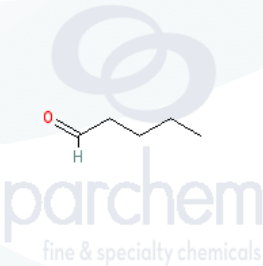


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| Specifications     | Limits                                                                                                                                                                     |
|--------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Melting Point      | -92.00 °C. @ 760.00 mm Hg                                                                                                                                                  |
| Vapor Pressure     | 31.800000 mm/Hg @ 25.00 °C                                                                                                                                                 |
| Vapor Density      | 3.0                                                                                                                                                                        |
| Flash Point        | 55.00 °F.TCC                                                                                                                                                               |
| Odor               | Diffusive, fermented, bready, fruity with berry nuances                                                                                                                    |
| Molecular weight   | 86.13                                                                                                                                                                      |
| Color              | colorless liquid                                                                                                                                                           |
| Solubility         | alcohol, ether, propylene glycol, oils                                                                                                                                     |
| Chemical Structure | <br> |



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