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## Typical Product Specifications & Properties

# Phenethyl Isobutyrate

CAS Number: : 103-48-0

| Specifications   | Limits                                                                                      |
|------------------|---------------------------------------------------------------------------------------------|
| Density          | 0.988                                                                                       |
| Appearance       | colorless to pale yellow clear liquid                                                       |
| Pounds/Gallon    | 8.213 to 8.238                                                                              |
| Refractive Index | 1.48500 to 1.49000 @ 20.00 °C                                                               |
| Odor             | Heavy fruity, honey and yeasty, with balsamic nuances and waxy rosy floral notes on dry out |
| Assay            | 98.00 to 100.00 %                                                                           |
| Taste            | Heavy, honey, floral, aldehydic with floral nuances                                         |
| Specific gravity | 0.98700 to 0.99000 @ 25.00 °C                                                               |
| Boiling Point    | 230.00 °C. @ 760.00 mm Hg                                                                   |
| Acid Value       | 1.00 max. KOH/g                                                                             |
| Vapor Pressure   | 0.009940 mm/Hg @ 25.00 °C                                                                   |
| Flash Point      | 227.00 °F.TCC                                                                               |



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| Specifications     | Limits                                                                               |
|--------------------|--------------------------------------------------------------------------------------|
| logP (o/w)         | 3.18                                                                                 |
| Shelf Life         | 24 month(s) or longer if stored properly                                             |
| Storage            | store in cool, dry place in tightly sealed containers, protected from heat and light |
| Odor Type          | floral                                                                               |
| Insolubility       | in water 230 c                                                                       |
| Molecular weight   | 192.26                                                                               |
| Color              | colorless to light yellow liquid                                                     |
| Solubility         | alcohol, ether, fixed oils                                                           |
| Chemical Structure |                                                                                      |



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