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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 | <chem>CC(C)(C)C(=O)OCCc1ccccc1</chem> |



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