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## Typical Product Specifications & Properties

# Phenethyl Alcohol

CAS Number: : 60-12-8

| Specifications   | Limits                                                                               |
|------------------|--------------------------------------------------------------------------------------|
| Density          | 1.0245 (15 c)                                                                        |
| Slightly Soluble | in water                                                                             |
| Appearance       | colorless clear oily liquid                                                          |
| Halogens         | Chlorine free                                                                        |
| Specific gravity | 1.01500 to 1.02300 @ 25.00 °C                                                        |
| Pounds/Gallon    | 8.446 to 8.512                                                                       |
| Vapor Pressure   | 0.074000 mm/Hg @ 25.00 °C                                                            |
| Vapor Density    | 4.21                                                                                 |
| logP (o/w)       | 1.50                                                                                 |
| 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                                                                               |



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| Specifications   | Limits                                                    |
|------------------|-----------------------------------------------------------|
| Odor             | Sweet, floral, fresh and bready with a rosey honey nuance |
| Taste            | Floral, sweet, rosey and bready                           |
| Flash Point      | 216.00 °F.TCC                                             |
| Assay            | 98.00 to 100.00 %                                         |
| Refractive Index | 1.53000 to 1.53400 @ 20.00 °C                             |
| Melting Point    | -27.00 to -25.80 °C. @ 760.00 mm Hg                       |
| Boiling Point    | 219.00 to 221.00 °C. @ 760.00 mm Hg                       |
| Boiling Point    | 136.00 to 137.00 °C. @ 50.00 mm Hg                        |
| pH               | 7.00                                                      |
| Molecular weight | 122.18                                                    |
| Color            | colorless liquid                                          |
| Solubility       | fixed oils, glycerin, propylene glycol, oxygenated solvs. |



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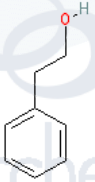
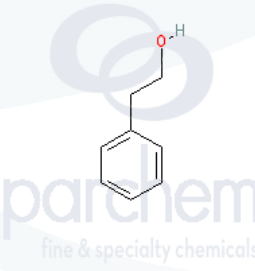


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| Specifications     | Limits                                                                                                                                                                     |
|--------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Chemical Structure | <br> |
| InChI              | inChI=1S/C8H10O/c9-7-6-8-4-2-1-3-5-8/h1-5,9H,6-7H2                                                                                                                         |
| InChIKey           | WRMNZCZEMHIOCP-UHFFFAOYSA-N                                                                                                                                                |
| FEMA               | 2858                                                                                                                                                                       |
| EINECS             | 200-456-2                                                                                                                                                                  |
| Purity             | 99.9 MIN                                                                                                                                                                   |



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