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## Typical Product Specifications & Properties

# alpha-irone

CAS Number: : 79-69-6

| Specifications   | Limits                                                       |
|------------------|--------------------------------------------------------------|
| Density          | 0.934 (204 c)                                                |
| Specific gravity | 0.93200 to 0.93400 @ 25.00 °C                                |
| Refractive Index | 1.49900 to 1.50200 @ 20.00 °C                                |
| Boiling Point    | 68.00 to 73.00 °C. @ 0.01 mm Hg                              |
| Acid Value       | 1.00 max. KOH/g                                              |
| Vapor Pressure   | 0.004190 mm/Hg @ 25.00 °C                                    |
| Odor Type        | floral                                                       |
| Taste            | Woody, fruity, raspberry, orris and berry with seedy nuances |
| Boiling Point    | 110.00 to 112.00 °C. @ 3.00 mm Hg                            |
| logP (o/w)       | 4.35                                                         |
| Appearance       | colorless to pale yellow clear liquid                        |
| Assay            | 98.00 to 100.00 % sum of isomers                             |



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| Specifications   | Limits                                     |
|------------------|--------------------------------------------|
| Pounds/Gallon    | 7.755 to 7.772                             |
| Flash Point      | > 212.00 °F.TCC                            |
| Odor             | Sweet, orris, woody, raspberry and powdery |
| Molecular weight | 206.32                                     |
| Solubility       | alcohol                                    |



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