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## Typical Product Specifications & Properties

# aldehyde C16

CAS Number: : 77-83-8

| Specifications   | Limits                                                            |
|------------------|-------------------------------------------------------------------|
| Density          | 1.104-1.123                                                       |
| Appearance       | colorless to pale yellow clear liquid                             |
| Refractive Index | 1.49900 to 1.51200 @ 20.00 °C                                     |
| Acid Value       | 2.00 max. KOH/g                                                   |
| Vapor Pressure   | 0.005710 mm/Hg @ 25.00 °C                                         |
| Storage          | refrigerate in tightly sealed containers. moisture Sensitive      |
| Taste            | Sweet, berry, strawberry, fruity, tutti frutti and floral nuances |
| Assay            | 98.00 to 100.00 % sum of isomers                                  |
| Flash Point      | > 200.00 °F.TCC                                                   |
| Pounds/Gallon    | 9.037 to 9.253                                                    |
| Specific gravity | 1.08600 to 1.11200 @ 25.00 °C                                     |
| Boiling Point    | 272.00 to 275.00 °C. @ 760.00 mm Hg                               |



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| Specifications   | Limits                                                     |
|------------------|------------------------------------------------------------|
| logP (o/w)       | 2.43                                                       |
| Shelf Life       | 12 month(s) or longer if stored properly                   |
| Odor Type        | fruity                                                     |
| Odor             | Sweet, fruity strawberry-like with floral honey undertones |
| Insolubility     | in glycerin                                                |
| Molecular weight | 206.24                                                     |
| Color            | colorless to pale yellow liquid                            |
| Solubility       | 3 vols. of 60 alcohol                                      |



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