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## Typical Product Specifications & Properties

# Almond Oil (cosmetic grade)

CAS Number: : 8007-69-0

| Specifications        | Limits                               |
|-----------------------|--------------------------------------|
| Odor                  | almost odorless, bland taste         |
| Color                 | colorless or pale yellow oily liquid |
| Density               | 0.910-0.915                          |
| Saponification number | 191-200                              |
| Slightly Soluble      | in alcohol                           |
| Acid Value            | max. 0.5                             |
| Palmitic (16:0)       | 4.0-9.0%                             |
| Stearic               | max. 4.0%                            |
| Palmitoleic Acid      | max. 0.6%                            |
| Linoleic              | 20.0-30.0%                           |
| Peroxide Value        | max. 5 meq. O <sub>2</sub> /Kg       |
| Saponification Value  | 190-200                              |



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| Specifications           | Limits                                                                               |
|--------------------------|--------------------------------------------------------------------------------------|
| Solubility               | Slightly soluble in ethanol 96, soluble in chloroform and ether. Insoluble in water. |
| Margaric Acid(C17)       | max. 0.2%                                                                            |
| Oleic                    | 62.0-86.0%                                                                           |
| Appearance               | Clear pale yellow oily liquid, almost odorless and characteristic bland taste        |
| Relative Density (20 °C) | 0.910-0.915 g/cm3                                                                    |
| Linolenic & higher       | max. 2.0%                                                                            |
| Insolubility             | in water                                                                             |
| Refractive Index         | 1.4593-1.4646 (40 c)                                                                 |
| Iodine Number            | 93-100                                                                               |



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