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## Typical Product Specifications & Properties

# 12-methyl tridecanal

CAS Number: : 75853-49-5

| Specifications   | Limits   |
|------------------|--|
| Appearance       | colorless to pale yellow clear liquid  |
| Assay            | 97.00 to 100.00 %  |
| Boiling Point    | 141.00 to 143.00 °C. @ 4.00 mm Hg  |
| Flash Point      | 232.00 °F.TCC  |
| logP (o/w)       | 6.04   |
| Odor             | sweet, fatty, waxy, rich savory animal fatty with a citrus and cilantro like nuance            |
| Taste            | Waxy, aldehydic citrus, candle wax, soapy, savory fatty rancid cilantro, hint of mango, carrot |
| Specific gravity | 0.93000 to 0.94100 @ 25.00 °C  |
| Pounds/Gallon    | 7.739 to 7.830   |
| Vapor Pressure   | 0.005200 mm/Hg @ 25.00 °C  |
| Refractive Index | 1.44500 to 1.45500 @ 20.00 °C  |
| Odor Type        | meaty  |



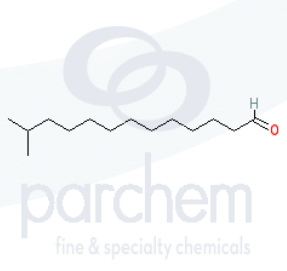
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| Specifications     | Limits  |
|--------------------|---|
| Acid Value         | 2.00 max. KOH/g   |
| Insolubility       | in water  |
| Molecular weight   | 212.37  |
| Color              | colorless to pale yellow clear liquid   |
| Solubility         | alcohol   |
| Chemical Structure |  <p>parchem<br/>fine &amp; specialty chemicals</p> |



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