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## Typical Product Specifications & Properties

# cinnamaldehyde

CAS Number: : 104-55-2

| Specifications               | Limits                                                         |
|------------------------------|----------------------------------------------------------------|
| Boiling Point                | 131.00 to 132.00 °C. @ 20.00 mm Hg                             |
| Vapor Density                | 4.6                                                            |
| Flash Point                  | 200.00 °F.TCC                                                  |
| Odor Type                    | spicy                                                          |
| Equivalence Factor for Assay | 66.08                                                          |
| Acid Value                   | 10.00 max. KOH/g                                               |
| Shelf Life                   | 24.00 month(s) or longer if stored properly                    |
| Taste                        | Spicy, cinnamon and cinnamon bark                              |
| Pounds/Gallon                | 8.704 to 8.737                                                 |
| Storage                      | refrigerate in tightly sealed containers. store under nitrogen |
| Appearance                   | pale yellow to dark yellow clear oily liquid                   |
| Assay                        | 98.00 to 100.00 % sum of isomers                               |



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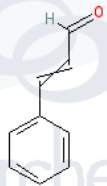


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| Specifications     | Limits                                                                              |
|--------------------|-------------------------------------------------------------------------------------|
| Specific gravity   | 1.04600 to 1.05000 @ 25.00 °C                                                       |
| Refractive Index   | 1.61900 to 1.62300 @ 20.00 °C                                                       |
| Melting Point      | -8.00 to -6.00 °C. @ 760.00 mm Hg                                                   |
| Boiling Point      | 249.00 to 252.00 °C. @ 760.00 mm Hg                                                 |
| Vapor Pressure     | 0.026500 mm/Hg @ 25.00 °C                                                           |
| logP (o/w)         | 2.12                                                                                |
| Odor               | Cassia, cinnamon, cinnamon bark and red hots                                        |
| Chemical Structure |  |



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