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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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| 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 | <chem>O=C/C=C/c1ccccc1</chem> |



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