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Typical Product Specifications & Properties

zingerone

CAS Number : 122-48-5

| Specifications | Limits |
|-------------------|--|
| Density | 1.138-1.139 |
| Sparingly Soluble | in water, petrol. ether |
| Odor | Spicy, phenolic and balsamic with a creamy vanilla-like nuance |
| Taste | Spicy with a biting, lingering heat |
| Appearance | yellow to yellow brown crystals |
| Pounds/Gallon | 9.469 to 9.478 |
| Boiling Point | 141.00 to 0.50 °C. @ 0.00 mm Hg |
| logP (o/w) | 0.64 |
| Assay | 96.00 to 100.00 % |
| Refractive Index | 1.54400 to 1.54500 @ 20.00 °C |
| Boiling Point | 290.00 °C. @ 760.00 mm Hg |
| Odor Type | spicy |



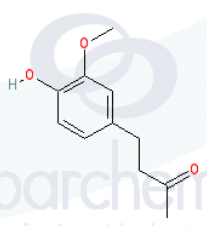
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| Specifications | Limits |
|--------------------|---|
| Specific gravity | 1.13800 to 1.13900 @ 25.00 °C |
| Melting Point | 39.00 to 42.00 °C. @ 760.00 mm Hg |
| Vapor Pressure | 0.000143 mm/Hg @ 25.00 °C |
| Molecular weight | 194.22 |
| Solubility | ether, dil. alkalis |
| Chemical Structure |  <p>The chemical structure shows a benzene ring with a methoxy group (-OCH₃) at the para position and a hydroxyl group (-OH) at the other para position. A butyl chain is attached to the ring, with a carbonyl group (=O) at the second carbon of the chain.</p> |



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