



## Specifications

**Product** : CINNAMON OIL  
**CAS No.** : 8007-80-5  
**Product Code** : 02NA0138

TESTS	SPECIFICATIONS
<b>Color and appearance</b>	A clear, yellow liquid, gradually becoming reddish brown with age, visibly free from water.
<b>Odor</b>	That of Cinnamon.
<b>Assay</b>	It contains 60% to 80% w/w of aldehydes calculated as Cinnamaldehyde, $C_9H_8O$ by Gas Liquid Chromatography.
<b>Solubility in ethanol</b>	Any opalescence is not greater than that produced when 0.5ml of 0.1M Silver nitrate is added to a mixture of 0.5ml of 0.1M Sodium chloride in 50ml of water.
<b>Specific Gravity at 25<sup>o</sup>c</b>	1.00 to 1.040
<b>Refractive Index at 20<sup>o</sup>c</b>	1.573 to 1.600
<b>Eugenol</b>	The chromatogram produced with solution (3) the ratio of area of any peak corresponding to eugenol to the area of any peak due to the internal standard is not greater than the corresponding ratio in the chromatogram obtained with solution.
<b>Optical Rotation<sup>20</sup>c</b>	0 <sup>o</sup> to -2 <sup>o</sup>

(NMT= Not more than, NLT=Not less than)

INFORMATION	PREPARED BY	APPROVED BY
<b>Name</b>	Mr. Suchit Mukherjee	Mr. Thomas Varghese
<b>Designation</b>	Q.C Executive	Director Technical
<b>Date</b>	Jan 2019	-
<b>Revision</b>	0	-
<b>Review Date</b>	-	-
<b>Signature</b>		

**Disclaimer:** The products sold hereunder and any other products sold by Indenta Chemicals (India) Pvt. Ltd. have been subjected to limited testing and it does not release the user from the responsibility of undertaking their own test.

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