

TECHNICAL DATA SHEET

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1. Product identification.

- Product name: CASSIA OIL.
- Synonym(s): Cinnamon Oil.
- Botanical name: Cinnamomum Cassia.
- Origin: Vietnam.

2. Availability.

- Botanical harvest: April to June, September to December.
- Product Availability: All year round.
- Annual capacity: 2000MT.

3. Processing method.

- Manufacturing: Steam distillation from Cinnamomum Cassia's leaves and branches.

4. Classification.

- CAS: 8007-80-5.
- EC Number: 284-635-0.
- FEMA-GRAS: 2258.

5. Physical analysis and chemical analysis.

- Appearance: Mobile, yellow to brown liquid.
- Odour: Characteristics, cinnamic aldehyde like.
- Solubility: Soluble in ethanol.
- Assay: 70% - 85% Cinnamic Aldehyde.
- Refractive index: 1.600 to 1.614 @ 20°C.
- Specific gravity: 1.052 to 1.070 @ 20°C.
- Acid value: Not more than 15.0.

6. Compliance with international standards.

- Council Regulation (EC) No 1997/2006.
- Directive 2001/18/EC.
- Commission Regulation (EC) No 1881/2006.
- Commission Regulation (EC) No 1334/2008.
- OSHA Hazard Communication Standards, 29 CFR 1910.1200.
- US Code of Federal Regulations Title 21, 21 CFR 182.60.

7. Storage conditions.

- Handling: Avoid breathing dust/fume/gas/mist/vapours/spray.
- Storage conditions: In tightly closed containers, cool & dry place protected from direct light.
- Packing: 200KGS/30KGS per HDPE Drum.
- Shelf life: 24 months from manufacturing date.

8. Potential applications.

- Recommended use: Concentrated aromatic and flavour.
- Restriction on use: For manufacturing use only.