



# JOHN KELLYS (LONDON) LTD

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● Essential Oils ● Aromatic Chemicals ● Oleoresins ● Fragrances ● Flavors ● Functional ingredients

## TECHNICAL DATA SHEET

**PRODUCT: Ho Wood Oil**  
**JK LOT NUMBER: 38188**

### 1. Product Identification

- Botanical Name: Cinnamomum camphora var. linaloolifera
- INCI Name: Cinnamomum Camphora Branch/Leaf Oil
- CAS No.: 8022-91-1; 92201-50-8
- EINECS No.: 294-760-2; 295-980-1
- FEMA No.: 3239
- Extraction Method: Steam Distillation (Leaves & Twigs)

### 2. Physical & Chemical Properties

- Appearance: Clear to pale yellow mobile liquid
- Odor: Sweet, woody, floral, soft camphoraceous
- Specific Gravity (20°C): 0.856 – 0.865
- Refractive Index (20°C): 1.460 – 1.467
- Optical Rotation (20°C): -22° to -12°
- Flash Point: > 72 °C (closed cup)
- Solubility: Insoluble in water; Soluble in alcohol, ether, fixed oils

### 3. Typical Chemical Composition (GC-MS)

- Linalool: 80.0 – 90.0% (Primary Component)
- 1,8-Cineole (Eucalyptol): ≤ 2.0%
- α-Terpineol: ≤ 1.5%
- Camphor: ≤ 1.0%
- Limonene: ≤ 1.0%
- Linalyl Acetate: ≤ 1.0%
- Other Terpenes (Sabinene, Myrcene, etc.): Balance

### 4. Quality Specifications

- Purity: Natural Essential Oil; No Additives

### Heavy Metals

- Lead (Pb): ≤ 10 ppm
- Arsenic (As): ≤ 2 ppm
- Mercury (Hg): ≤ 1 ppm
- Cadmium (Cd): ≤ 1 ppm

### Microbiology

- Total Aerobic Count: < 100 CFU/g
- Yeast & Mould: < 10 CFU/g
- E. coli, Salmonella, Staph. aureus: Absent in 1g

### 5. Stability & Storage

Stability: Stable under proper conditions

Storage: Cool, dry area; Protect from light, heat, air

Shelf Life: Min. 2 years in unopened original packaging

Incompatibilities: Strong oxidizing agents

### 6. Applications

- Perfumery & Fragrance (Excellent Rosewood Aniba rosaeodora substitute)
- Skincare (Creams, Serums, Soaps) – calming, skin-soothing
- Aromatherapy – relaxing, sedative, stress-relief
- Oral Care & Natural Cosmetics
- Household Cleaners & Air Fresheners

### 7. Safety & Handling

- Flammable Liquid: Keep away from heat, sparks, open flames
- Skin: May cause sensitization in some individuals; Patch test recommended
- Eyes: Avoid contact; Flush with water if exposed
- Oral: Harmful if swallowed; For external use only
- Pregnancy/Lactation: Consult a practitioner before use