

## TECHNICAL DATASHEET

### Sample Identification

**Part Number:** 10074-001 R03  
**Product Type:** ESSENTIAL OIL  
**Description:** HOP  
**Part:** Cone  
**Latin name:** *Humulus lupulus v. cascade*

**Purity:** 100% pure and natural  
**Country of Origin:** Canada  
**CAS Number:** 8007-04-3  
**FEMA Number:** N/A  
**EINECS Number:** N/A

### Certification

### Organoleptic properties

Property	Specification
Aspect	Liquid
Color	Clear light yellow
Odor	Floral, spicy, herbal, woody and fruity

### Chemical and Physical properties

Shelf Life (years)	4
Specific gravity (20/20)	0.870-0.900
Refractive Index (20/20)	1.4700-1.4950
Flash Point (deg C)	48.0-48.0

### Main components

Component	CAS	Specification
Myrcene	123-35-3	38.0-80.0%
$\alpha$ -humulene	6753-98-6	3.0-11.0%
(E)- $\beta$ -Farnesene	18794-84-8	0.0-5.0%
$\alpha$ -Pinene	80-56-8	0.0-3.0%
$\beta$ -Pinene	127-91-3	0.0-3.0%

### Handling

See Safety Data Sheet (SDS) for handling conditions.