

Certificate of Analysis

FACTOR IRRIGATION

Cedarwood Oil-LC

1- DESCRIPTION

Nature of the Product: 100% pure and natural, steam distilled essential oil, or the assembling of fractions of rectification of the complete essential oil of Texas Cedar (*Juniperous ashei/mexicana*)

Additives (nature and content): NONE

2- ORGANOLEPTIC CHARACTERISTICS

Appearance: Colorless to pale yellow oily liquid
Odor: Woody, characteristic, persistent odor

3- PHYSICAL-CHEMICAL CHARACTERISTICS

Specific gravity at 20°/20°C: 0.950 - 0.970
Refractive index at 20°C: 1.502 - 1.512
Optical rotation at 20°C: n/a
Flash point: >200°C (closed cup – type analysis)

GC profile:

| | | | |
|----------------|-----|---------------|-----|
| Alpha cedrene: | 9% | Beta Cedrene: | 4% |
| Thujopsene: | 53% | Cedrol: | 13% |

4- REGULATORY STATUS

| | | |
|-------------------|-----------------------|------------|
| FEMA NUMBER: | CAS NUMBER: | 91722-61-1 |
| FDA NUMBER: | EC NUMBER: | 294-461-7 |
| REACH PRE-REG. #: | 05-2117650625-41-0000 | |

5- STORAGE & PACKAGING

Packaging: LINED 55 GALLON DRUMS
Stability: GOOD
Storage conditions: WAREHOUSE AT AMBIENT TEMPERATURE

Factor Irrigation adds a small percentage of Polysorbate 80 - this allows the cedar oil to mix with water.