

## Certificate of Analysis

Product: Cypres Oil  
Botanical Name: *Cupressus sempervirens L.*  
Country of Origin: France

### PHYSICAL AND CHEMICAL PROPERTIES

TEST	RESULT	SPECIFICATION
Specific Gravity @ 20° C	0.868	0.860 - 0.886
Refractive Index @ 20° C	1.472	1.468 - 1.478
Optical Rotation @ 20° C	+27°	0° - 30°

### GAS CHROMATOGRAPH ANALYSIS (TYPICAL)

CONSTITUENT	RESULT (%)	SPECIFICATION (%)
tricyclene	0.21	
$\alpha$ pinene	58.13	40.00 – 65.00
$\alpha$ fenchene	0.61	
camphene	0.24	
$\beta$ pinene	1.12	
sabinene	0.70	
$\delta$ 3 carene	16.38	12.00 – 25.00
myrcene	2.42	
$\alpha$ phellandrene	0.07	
$\alpha$ terpinene	0.39	
limonene	2.38	
$\beta$ phellandrene	0.34	
$\gamma$ terpinene	0.71	
para cymene	0.19	
terpinolene	2.66	
para dimethylstyrene	0.08	
$\alpha$ cubebene	0.22	
$\alpha$ copaene	0.09	
karahanaenone	0.22	
linalol	0.22	
bornyl acetate	0.13	
$\alpha$ cedrene	0.06	

thymol methyl ether	0.15	
terpinene-4-ol +	1.20	
$\beta$ caryophyllene		
$\alpha$ humulene	0.90	
$\alpha$ terpineol +	2.39	
terpenyl acetate		
germacrene d	1.42	
$\delta$ cadinene	0.91	
$\gamma$ cadinene	0.23	
calamenene	0.08	
cedrol	1.28	