

Certificate of Analysis

Product: Grapefruit White Oil
Botanical Name: *Citrus paradisi Macfadyen*
Country of Origin: Israel

PHYSICAL AND CHEMICAL PROPERTIES

TEST	RESULT	SPECIFICATION
Specific Gravity @ 20° C	0.853	0,8450 / 0,8600
Refractive Index @ 20° C	1.4752	1,4720 / 1,4780
Optical Rotation @ 20° C	94.97	90,0000 / 96,0000°

GAS CHROMATOGRAPH ANALYSIS (TYPICAL)

CONSTITUENT	RESULT (%)	SPECIFICATION (%)
Pinene alpha	0.52	0 / 2,00%
Pinene beta	0.14	
Sabinene	0.41	
Myrcene beta	1.74	0 / 4,00%
Limonene	94.09	90,00 / 97,00%
Phellandrene beta	0.24	
Terpinene gamma	0.05	
Ocimene beta trans	0.11	
Linalol	0.13	
Caryophyllene beta	0.26	
Geranial & Neral	0.16	
Nootkatone	0.21	