

Certificate of Analysis

Product: PETITGRAIN BIGARADIER HE BIO
Botanical Name: *Citrus aurantium L. ssp. amara var. pumilia*
Country of Origin: Paraguay

PHYSICAL AND CHEMICAL PROPERTIES

TEST	RESULT	SPECIFICATION
Specific Gravity @ 20° C	0.888	0,8820 / 0,8940
Refractive Index @ 20° C	1.4591	1,4570 / 1,4670
Optical Rotation @ 20° C	-4.782	-6,0000 / -1,0000 °

GAS CHROMATOGRAPH ANALYSIS (TYPICAL)

CONSTITUENT	RESULT (%)	SPECIFICATION (%)
Pinene alpha	0.12	
Pinene beta	1.02	
Sabinene	0.23	
Myrcene beta	2.37	
Limonene	0.06	
Phellandrene beta	0.09	
Ocimene beta cis	0.88	
Ocimene beta trans	2.66	
Linalol	26.99	18,00 / 32,00 %
Linalyl acetate	45.85	36,00 / 57,00 %
Terpinene 1-ol-4	0.1	
Caryophyllene beta	0.72	
Terpineol alpha	5.53	3,00 / 8,00 %
Geranial & Neral	0.32	