

CERTIFICATE OF ANALYSIS

Product: Sweet Orange Essential Oil (*Citrus sinensis*)
Lot No.: 13204A33
Best Before: July, 2022
Botanical Origin: USA
Extraction: Cold Pressed From Peel
Cultivation: Farmed Organic

Properties:	Specifications	Results
Appearance:	Intensely yellow, orange to deep orange liquid.	Complies
Odor:	Characteristic citrus odor.	Complies
Solubility:	Soluble in ethyl alcohol, insoluble in water.	Complies
Density:	0.8420 to 0.8460 @ 25°C	0.8433
Refractive Index:	1.4720 to 1.4740 @ 20°C	1.4731
Optical Rotation:	+94° to +99°	Complies
Aldehyde:	1.2 - 2.5 %	1.24
D-Limonene:	-----	95.26 %