

Certificate of Analysis [C.O.A]

PRODUCT NAME	Pine Needle Oil	
CAS Number	8002-09-3	
Botanical Name	Pinus sylvestris	
SOURCE	Steam distillation extraction of Needle of Pine tree	
PRODUCT APPEARANCE	Colorless to pale yellow liquid.	By Visual Inspection
SOLUBILITY	Soluble in alcohol & oils. Insoluble in water.	
Specific Gravity	0.8760 to 0.8795 @ 25 °C	0.8790
Refractive Index	1.4720 to 1.4730 @ 20 °C	1.4726
Optical Rotation	-4° to -35° @ 25 °C	-30.4
ADDITIONAL INFORMATION	The product is 100% natural. It is not blended, not diluted, or formulated. It contains no additives, no carriers, and no other technical adjuncts	
Lot Number :		
Manufacturing Date :	April 2023	
Expiry Date :	March 2025	

