

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	0.860 to 0.890 @ 25 °C	Complies
Refractive Index	1.465 to 1.479 @ 25 °C	Complies
Optical Rotation	-4° to +10° @ 25 °C	Complies
Heavy metal	Not more than 5ppm	
Microbial Count	Nil	
Storage	Keep in a cool, dry, dark location in a tightly sealed container	
Physical Handling	Avoid direct physical contact	
AFLATOXINS(B1,B2,G1,G2)	Nil ppb	
Lot Number :		
Manufacturing Date :	December 2018	
Expiry Date :	December 2020	