

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 :	as mentioned on label
Expiry Date :	3 Years from MFD