



NHR ORGANIC OILS
24 CHATHAM PLACE, BRIGHTON, BN1 3TN, UK
+44 (0)1273 746505 info@nhrorganicoils.com www.nhrorganicoils.com

Certificate of Analysis Sheet
Organic Scotch Pine Needle Essential Oil
(Pinus sylvestris)

| |
|--|
| PRODUCT NAME: PINE SYLVESTRIS, ESSENTIAL OIL ORGANIC |
| BATCH NUMBER: 110823-1 |
| PRODUCT INCI: PINUS SYLVESTRIS LEAF OIL |
| ORIGIN: E.U. |
| CAS NUMBER: 8023-99-2 / 84012-35-1 |
| EINECS NUMBER: 281-679-2 |
| MANUFACTURING METHOD: STEAM DISTILLED |

| ANALYTICAL DETAILS | RANGE | RESULTS |
|---------------------------|--------------------|----------------|
| APPEARANCE | LIQUID | - |
| COLOUR | COLORLESS - YELLOW | - |
| ODOUR | CHARACTERISTIC | - |
| SPECIFIC GRAVITY @ 20°C | 0.855 – 0.900 | 0.865 |
| REFRACTIVE INDEX @ 20°C | 1.459 – 1.490 | 1.472 |
| OPTICAL ROTATION (°C) | -40.0 TO +10.0 | -19.70 |

| |
|---|
| STORAGE CONDITIONS |
| STORE IN A COOL DRY PLACE AWAY FROM HEAT & SUNLIGHT |

The attached information is considered to be correct at the time the client received this information. Please be aware that detail can change and we encourage clients to update their records with NHR Organic Oils regularly. The information is not and should not be considered a guarantee or warranty, or a part of our contractual or other legal obligations.