



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

Certificate of Analysis & Gas Chromatography
Organic Blue Tansy Essential Oil
(Tanacetum annuum)

Botanical name :	<i>Tanacetum annuum L.</i>
Commercial name :	Organic Blue Tansy
Batch number :	130923-1
Geographical origin :	Provence (France)

Physical and chemical data :

	Standards	Results of analysis
Appearance	Clear liquid	Conform
Colour	Intense blue	Conform
Odour	Characteristic, strong, aromatic	Conform
Flash point	+45°C to +55°C	

Table of components :

Components	Contents
Ethyl 2-Methyl-butyrate	0.34%
Ethyl Pentanoate	0.14%
Ethyl Tiglate + Tricyclene	0.09%
Alpha-thujene	0.13%
Alpha-pinene	3.24%
Propyl 2-Methyl-butyrate	0.21%
Camphene	0.92%
Sabinene	18.27%
Beta-pinene	7.66%
Myrcene	10.3%
Alpha-phellandrene	8.46%
Alpha-terpinene	0.21%
Para-cymene	3.14%
Limonene	1.50%
Beta-phellandrene	0.27%
Cineole-1,8 (Eucalyptol)	0.14%

Gamma-terpinene	0.31%
Terpinolene	0.18%
6,7-Epoxy-myrcene	1.07%
Linalool	0.16%
2-Methyl-butyl 2-Methyl-butyrate	0.11%
4-Acetyl-1-methyl-cyclohexene	0.47%
Camphor	6.43%
Borneol	0.75%
Terpinene-4-ol	0.22%
Alpha-terpineol	0.07%
Cuminaldehyde	0.05%
Thymol	0.42%
Beta-elemene	0.32%
Beta-caryophyllene	0.68%
Sesquiasabinene	0.76%
E-beta-farnesene	0.05%
Alpha-humulene	0.04%
Germacrene D	0.81%
Alpha-selinene	0.23%
Bicyclogermacrene	0.13%
3,6-Dehydro-chamazulene	1.39%
3,6-Dehydro-chamazulene isomere	0.16%
Beta-sesquiphellandrene	0.34%
Caryophyllene Oxide	0.17%
3,6-Dehydro-chamazulene isomere	2.26%
5,6-Dehydro-chamazulene isomere	3.35%
5,6-Dehydro-chamazulene isomere	2.07%
Beta-eudesmol	0.53%
Chamazulene	15.89%
Unknown MW = 284	0.34%
Unknown MW = 286	1.81%
TOTAL	96.59%