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 Roman Chamomile Essential Oil
(Anthemis nobilis)

Batch number:	250926-1
Origin:	Bulgaria
Refractive index:	1,438 (ISO 280:1999)
Optical rotation:	0,88° (ISO 592)

Testing results:

Testing method, standards: BDS ISO 7609 — unit value: %

1. α-Pinene 0,86
2. Isobutyl isobutanoate 3,22
3. Camphene 0,43
4. β-Pinene 0,24
5. Isobutyl methacrylate 3,36
6. Butyl 2-methylbutanoate 0,70
7. iso-Amyl iso-butyrate 3,03
8. Limonene 0,10
9. Isopropyl 3-methyl-2-butenoate 1,54
10. Amyl methacrylate 0,89
11. **Butyl 3-methyl-2-butenoate** **36,86**
12. Hexyl isobutyrate 0,57
13. Allyl -3-methyl-2-butenoate 0,30
14. **Isopentyl 3-methyl-2-butenoate + Pentyl 3-methyl-2-butenoate** **22,34**
15. Pinocarvone 1,82
16. **Pinocarveol** **6,00**
17. Myrtenal 0,42
18. Myrtenol 0,20
19. Borneol 0,13

Conditions of testing: GC-FID + GC-FID-MS, Agilent column – HP-Innowax-60/0.250/0.25; Cyclodex-B 60/0.250/0.25; (23,0 ± 0,1)°C ; (45,0 ± 1,3)% Rh | Departure from the testing method: no

NOTES:

1. The test results apply only to the tested samples.
2. Chromatogram of the sample: Roman_CH