NHR ORGANIC OILS
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Certificate of Analysis & Gas Chromatograph
Organic Roman Chamomile Essential Oil
(Anthemis nobilis)

Batch number:	191026-2
Origin:	Bulgaria
Refractive index:	1.434 (ISO 280:1999)
Optical rotation:	1.81° (ISO 592)

Testing results:

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

1. **α-Pinene** **10.16**
2. Isobutyl isobutanoate 1.95
3. Camphene 0.33
4. β-Pinene 0.29
5. **Isobutyl methacrylate** **13.00**
6. Butyl 2-methylbutanoate 0.40
7. **iso-Amyl iso-butyrate** **10.65**
8. Limonene 0.11
9. Isopropyl 3-methyl-2-butenoate 1.04
10. Amyl methacrylate 0.66
11. **Butyl 3-methyl-2-butenoate** **23.87**
12. Hexyl isobutyrate 0.27
13. Allyl -3-methyl-2-butenoate 0.14
14. **Isopentyl 3-methyl-2-butenoate + Pentyl 3-methyl-2-butenoate** **15.92**
15. Pinocarvone 2.32
16. Pinocarveol 4.56
17. Myrtenal 0.40
18. Myrtenol 0.27
19. Borneol 0.12

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 Chamomile