



NHR ORGANIC OILS  
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*Certificate of Analysis & Gas Chromatography*  
**Organic Yarrow Essential Oil**  
*(Achillea millefolium)*

Batch number: 140823-1

Origin: Bulgaria

|   |                     |
|---|---------------------|
| 1. Appearance   | - Mobile liquid     |
| 2. Colour   | - Blue to dark blue |
| 3. Odour  | - Characteristic    |
| 4. Characteristic components:<br>(by GC-FID-MS-analysis), % |                     |
| 1. $\alpha$ -Pinene   | 2.89                |
| 2. Camphene   | 0.25                |
| 3. $\beta$ -Pinene  | 14.31               |
| 4. Sabinene   | 18.30               |
| 5. $\gamma$ -Terpinene                                      | 0.97                |
| 6. Limonene   | 0.93                |
| 7. 1,8-Cineole  | 2.40                |
| 8. Artemisia ketone   | 3.66                |
| 9. 1-Terpinen-4-ol  | 1.54                |
| 10. $\beta$ -Caryophyllene                                  | 10.12               |
| 11. $\alpha$ -Humulene                                      | 1.24                |
| 12. Germacrene D  | 20.36               |
| 13. Caryophyllene oxide                                     | 1.14                |
| 14. Chamazulene   | 9.72                |

**CONCLUSION:**

THE TESTED SAMPLE HAS THE PHYSIO-CHEMICAL PROPERTIES OF YARROW ESSENTIAL OIL, CORRESPONDING TO THE NORMS OF BULGARIAN STATE STANDARD.