

## ANALYTICKÝ CERTIFIKÁT / CERTIFICATE OF ANALYSIS

### Order Data

Customer: BIOMEDICA spol.s.r.o.  
Art.-No.: S0100180  
Description: Eucalyptus Oil Ph. Eur.  
Yr. Order No.: 2100500760  
  
Batch/Lot-No.: 1249997  
Production date: 11.03.2021  
Date of analysis: 11.03.2021  
Best before use: 10.03.2024  
  
Characters: A colourless or pale yellow liquid with an odour reminiscent of 1,8-cineole.

| Analytical Data                        | Method           | Target Value  | Measured Value |
|--|------------------|---------------|----------------|
| <b>Identification:</b>                 |                  |               |                |
| GC                                     | Method Ph.Eur.   | must comply   | complies       |
| <b>Purity:</b>                         |                  |               |                |
| Relative density (d <sub>20</sub> /20) | 2.2.5            | 0.906 - 0.927 | 0.9121         |
| Refractive index (n <sub>D</sub> 20)   | 2.2.6            | 1.458 - 1.470 | 1.4606         |
| Optical rotation (α <sub>D</sub> 20)   | 2.2.7            | 0 - +10 °     | +2.5 °         |
| Solubility                             | 2.8.10           | L70 1:5       | complies       |
| Aldehydes                              | Method Ph.Eur.   | ≤ 2.0 ml      | 0.16 ml        |
| <b>Chromatographic profile:</b>        |                  |               |                |
| alpha-Pinene                           | 2.2.28_FL WAX 35 | 0.05 - 10.0 % | 3.5 %          |
| beta-Pinene                            | 2.2.28_FL WAX 35 | 0.05 - 1.5 %  | 0.3 %          |
| Sabinene                               | 2.2.28_FL WAX 35 | ≤ 0.3 %       | n.d.           |
| alpha-Phellandrene                     | 2.2.28_FL WAX 35 | 0.05 - 1.5 %  | 1.0 %          |
| Limonene                               | 2.2.28_FL WAX 35 | 0.05 - 15.0 % | 7.8 %          |
| 1,8-Cineole                            | 2.2.28_FL WAX 35 | ≥ 70.0 %      | 80.8 %         |
| Camphor                                | 2.2.28_FL WAX 35 | ≤ 0.1 %       | n.d.           |

This product complies in all points with the above-mentioned monograph.

Ekokoza s.r.o.  
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01.04.2021

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