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Wholesale Botanics  
10227 Southard Dr,  
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## Wholesale Botanics, Inc.

**SUPPLIER NAME:** WHOLESale BOTANICS, INC  
**EMAIL:** compliance@wholesalebotanics.com  
**PRODUCT NAME:** Valerian Essential Oil  
**MANUFACTURE DATE:** 04/01/2024  
**LOT NUMBER:** QGD04142025

### CERTIFICATE OF ANALYSIS

#### Analytical Data

|                          |                       |                               |  |
|--------------------------|-----------------------|-------------------------------|--|
| <b>Botanical Name</b>    | Valeriana officinalis | <b>Criterion of Detection</b> | Pharmacopoeia                                |
| <b>CAS Number</b>        | 8008-88-6             | <b>Batch Number</b>           | VALQGAVOINC005A                              |
| <b>Parts Used</b>        | Root                  | <b>Best By</b>                | 04/30/2028                                   |
| <b>Extraction Method</b> | Steam distilled       | <b>Ingredients</b>            | Valeriana officinalis<br>(Valerian) Root Oil |

| Item                                   | Result   | Standard                 |
|--|----------|--------------------------|
| Appearance                             | Complies | Yellow liquid            |
| Smell                                  | Complies | Herbal, Floral, Balsamic |
| 20°C Relative Density/Specific Gravity | 0.947    | 0.920 - 0.958            |
| 20°C Refractive Index                  | 1.473    | 1.445 - 1.480            |
| 20°C Optical Rotation                  | -19.80 ° | -35.00° to -10.00°       |