

Dr. Duke's Phytochemical and Ethnobotanical Databases

Chemicals found in *Verbena officinalis*

| Activities Count | Chemical                                  | Plant Part | Low PPM | High PPM | StdDev              | Refernce Citation |
|------------------|---|------------|---------|----------|---------------------|-------------------|
| 3                | VERBENIN                                  | Plant      |         |          |                     | --                |
| 0                | VERBENALOL                                | Plant      |         |          |                     | --                |
| 7                | VERBENALIN                                | Plant      |         | 3000.0   |                     | --                |
| 7                | VERBENALIN                                | Flower     |         | 5000.0   |                     | --                |
| 89               | URSOLIC-ACID                              | Plant      |         |          |                     | --                |
| 0                | TERPENENE                                 | Plant      |         |          |                     | --                |
| 35               | TANNIN                                    | Plant      |         |          |                     | --                |
| 1                | STACHYOSE                                 | Stem       |         | 13000.0  |                     | --                |
| 1                | STACHYOSE                                 | Root       |         | 20000.0  | -1.3522310359363496 | --                |
| 3                | MUCILAGE                                  | Plant      |         |          |                     | --                |
| 21               | LUPEOL                                    | Plant      |         |          |                     | --                |
| 0                | INVERTIN                                  | Flower     |         |          |                     | --                |
| 3                | HASTATOSIDE                               | Plant      |         |          |                     | --                |
| 0                | EO  | Plant      |         |          |                     | --                |
| 0                | EMULSIN                                   | Flower     |         |          |                     | --                |
| 53               | CITRAL                                    | Plant      |         |          |                     | --                |
| 102              | CAFFEIC-ACID                              | Leaf       |         | 10000.0  | 0.6713762633139022  | --                |
| 53               | BETA-CAROTENE                             | Leaf       |         |          |                     | --                |
| 20               | AUCUBIN                                   | Plant      |         |          |                     | --                |
| 0                | ARTEMITIN                                 | Plant      |         |          |                     | --                |
| 0                | ALPHA-SITOSTEROL                          | Plant      |         |          |                     | --                |
| 28               | ADENOSINE                                 | Leaf       |         |          |                     | --                |
| 0                | 5-HYDROXY-3,6,7,3',4'-PENTAMETHOXYFLAVONE | Plant      |         |          |                     | --                |
| 0                | (+)-VERBENONE                             | Plant      |         |          |                     | --                |