

Dr. Duke's Phytochemical and Ethnobotanical Databases

Chemicals found in *Ligustrum japonicum*

| Activities Count | Chemical | Plant Part | Low PPM | High PPM | StdDev | Refernce Citation |
|------------------|-----------------|--------------------|---------|----------|----------------------|-------------------|
| 176 | QUERCETIN | Flower | | | | -- |
| 102 | CAFFEIC-ACID | Flower | | | | -- |
| 89 | URSOLIC-ACID | Fruit | | | | -- |
| 77 | ZINC | Fruit | | 24.0 | -0.1895875891620866 | -- |
| 76 | EUGENOL | Flower | | | | -- |
| 75 | KAEMPFEROL | Flower | | | | -- |
| 65 | MAGNESIUM | Fruit | | 1020.0 | -0.5138726333589669 | -- |
| 64 | OLEANOLIC-ACID | Fruit | | | | -- |
| 61 | FERULIC-ACID | Flower | | | | -- |
| 28 | CALCIUM | Fruit | | 3040.0 | -0.18836655613377604 | -- |
| 27 | LINOLEIC-ACID | Fruit | | | | -- |
| 26 | PHENOL | Flower Essent. Oil | | | | -- |
| 25 | P-COUMARIC-ACID | Leaf | | | | -- |
| 24 | BENZALDEHYDE | Flower | | | | -- |
| 21 | LUPEOL | Seed | | | | -- |
| 20 | BENZOIC-ACID | Flower | | | | -- |
| 18 | OLEIC-ACID | Fruit | | | | -- |
| 18 | GUAIACOL | Flower | | | | -- |
| 18 | MANNITOL | Leaf | | | | -- |
| 14 | POTASSIUM | Fruit | | 16800.0 | -0.09878143440473125 | -- |
| 14 | MANGANESE | Fruit | | 26.0 | -0.23209688164812706 | -- |
| 13 | PALMITIC-ACID | Seed | | | | -- |
| 12 | COPPER | Fruit | | 12.0 | -0.06373869485264942 | -- |
| 10 | ALPHA-AMYRIN | Flower | | | | -- |
| 9 | OLEUROPEIN | Bark | | | | -- |
| 9 | BETA-AMYRIN | Flower | | | | -- |
| 9 | BENZYL-ALCOHOL | Flower | | | | -- |

| Activities Count | Chemical | Plant Part | Low PPM | High PPM | StdDev | Refernce Citation |
|------------------|------------------------|------------|---------|----------|----------------------|-------------------|
| 9 | SYRINGIN | Leaf | | | | -- |
| 9 | SYRINGIN | Bark | | | | -- |
| 9 | OLEUROPEIN | Leaf | | | | -- |
| 9 | OLEUROPEIN | Fruit | | | | -- |
| 8 | M-CRESOL | Flower | | | | -- |
| 8 | FRUCTOSE | Fruit | | | | -- |
| 8 | P-CRESOL | Flower | | | | -- |
| 8 | STEARIC-ACID | Seed | | | | -- |
| 7 | GLUCOSE | Fruit | | | | -- |
| 6 | O-CRESOL | Flower | | | | -- |
| 6 | IRON | Fruit | | 120.0 | -0.051480525146559 | -- |
| 6 | PHENETHYL-ALCOHOL | Flower | | | | -- |
| 3 | N-HENTRIACONTANE | Flower | | | | -- |
| 2 | PHENYLACETIC-ACID | Flower | | | | -- |
| 2 | N-HEXACOSANE | Flower | | | | -- |
| 2 | ARSENIC | Fruit | | 0.6 | 0.23199328320775964 | -- |
| 1 | PHILLYRIN | Leaf | | | | -- |
| 1 | N-NONACOSANE | Flower | | | | -- |
| 1 | P-HYDROXYCINNAMIC-ACID | Fruit | | | | -- |
| 1 | ALPHA-MANNITE | Fruit | | | | -- |
| 1 | SODIUM | Fruit | | 54.0 | -0.17883002710316093 | -- |