

**Dr. Duke's Phytochemical and Ethnobotanical Database**

**List of Plants for GLUTAMINE**

| <b>Plant</b>                | <b>Part</b> | <b>Low PPM</b> | <b>High PPM</b> | <b>StdDev</b>       | <b>Reference</b>   |
|-----------------------------|-------------|----------------|-----------------|---------------------|--|
| Allium ampeloprasum         | Plant       | --             | --              |                     | --   |
| Allium cepa                 | Bulb        | --             | --              |                     | --   |
| Allium sativum var. sativum | Bulb        | 0              | 2300            |                     | --   |
| Alocasia macrorrhiza        | Plant       | --             | --              |                     | --   |
| Aloe vera                   | Leaf        | 20607          | 20607           |                     | --   |
| Ananas comosus              | Fruit       | 256            | 256             | -1.3035344452228055 | --   |
| Angelica archangelica       | Leaf        | --             | --              |                     | --   |
| Apium graveolens            | Root        | --             | --              |                     | List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979. |
| Artemisia dracunculus       | Shoot       | --             | --              |                     | --   |
| Artemisia dracunculus       | Leaf        | --             | --              |                     | --   |
| Artemisia dracunculus       | Root        | --             | --              |                     | --   |
| Camellia sinensis           | Leaf        | --             | --              |                     | --   |
| Citrus sinensis             | Fruit       | 30             | 630             | 0.1767951575504613  | --   |
| Cryptotaenia japonica       | Root        | --             | --              |                     | --   |
| Daucus carota               | Root        | --             | --              |                     | --   |
| Fragaria spp                | Plant       | --             | --              |                     | --   |
| Hypericum perforatum        | Plant       | --             | --              |                     | --   |

| Plant                 | Part        | Low PPM | High PPM | StdDev             | Reference  |
|-----------------------|-------------|---------|----------|--------------------|--|
| Lycium chinense       | Leaf        | --      | --       |                    | List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979. |
| Malus domestica       | Plant       | 20      | 20       |                    | --   |
| Paeonia officinalis   | Root        | --      | --       |                    | CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses  |
| Passiflora incarnata  | Fruit       | --      | --       |                    | Jim Duke's personal files.   |
| Phoenix dactylifera   | Fruit       | 650     | 870      | 1.1267392876723437 | --   |
| Prunus cerasus        | Fruit       | --      | --       |                    | --   |
| Ribes nigrum          | Fruit Juice | 290     | 290      |                    | --   |
| Salvia officinalis    | Plant       | --      | --       |                    | --   |
| Senna obtusifolia     | Seed        | 21300   | 21300    |                    | --   |
| Solanum tuberosum     | Plant       | --      | --       |                    | --   |
| Valeriana officinalis | Root        | --      | --       |                    | --   |
| Valeriana officinalis | Rhizome     | --      | --       |                    | --   |