

Dr. Duke's Phytochemical and Ethnobotanical Databases

Chemicals found in *Parthenium integrifolium*

| Activities Count | Chemical      | Plant Part | Low PPM | High PPM | StdDev               | Refernce Citation |
|------------------|---------------|------------|---------|----------|----------------------|-------------------|
| 28               | CALCIUM       | Root       | 1424.0  | 8900.0   | 0.16396993938814508  | --                |
| 24               | CHROMIUM      | Root       | 0.5     | 3.2      | 0.07785933163506226  | --                |
| 53               | BETA-CAROTENE | Root       | 7.0     | 42.0     | -0.16786417605031356 | --                |
| 60               | SELENIUM      | Root       | 0.4     | 2.5      | -0.18461140397934853 | --                |
| 65               | MAGNESIUM     | Root       | 320.0   | 2000.0   | -0.29880118871600586 | --                |
| 14               | POTASSIUM     | Root       | 1632.0  | 10200.0  | -0.40849764023904345 | --                |
| 1                | SODIUM        | Root       | 32.0    | 200.0    | -0.4196494869632688  | --                |
| 6                | IRON          | Root       | 1.0     | 6.0      | -0.43293646211879744 | --                |
| 15               | RIBOFLAVIN    | Root       | 0.3     | 2.0      | -0.45399811156287    | --                |
| 4                | PHOSPHORUS    | Root       | 96.0    | 600.0    | -0.5126745948607405  | --                |
| 14               | MANGANESE     | Root       | 0.2     | 1.0      | -0.5339324378381862  | --                |
| 19               | INULIN        | Root       | 24000.0 | 150000.0 | -0.6265506228549269  | --                |
| 5                | STARCH        | Root       | 19200.0 | 120000.0 | -0.818804895582863   | --                |
| 77               | ZINC          | Root       | 0.6     | 3.7      | -0.8968946838926584  | --                |
| 39               | NIACIN        | Root       |         |          |                      | --                |
| 7                | RHAMNOCITRIN  | Leaf       |         |          |                      | --                |
| 2                | COBALT        | Root       |         |          |                      | --                |
| 4                | SILICON       | Root       |         |          |                      | --                |
| 112              | ASCORBIC-ACID | Root       |         |          |                      | --                |