

Dr. Duke's Phytochemical and Ethnobotanical Databases

Chemicals found in *Boehmeria nivea*

| Activities Count | Chemical | Plant Part | Low PPM | High PPM | StdDev | Refernce Citation |
|------------------|---------------|------------|----------|----------|----------------------|-------------------|
| 0 | WATER | Leaf | | 870000.0 | 0.31112448835162143 | -- |
| 1 | CELLULOSE | Stem | | 659000.0 | 0.04093134439412383 | -- |
| 0 | CARBOHYDRATES | Shoot | 473000.0 | 606000.0 | 0.07848173040388196 | -- |
| 0 | CARBOHYDRATES | Leaf | 71000.0 | 546150.0 | -0.5224841607640229 | -- |
| 0 | PROTEIN | Shoot | 219000.0 | 301000.0 | 0.8125828465949939 | -- |
| 15 | FIBER | Shoot | 119000.0 | 259000.0 | 0.8992020328474909 | -- |
| 0 | PROTEIN | Leaf | 33000.0 | 253850.0 | 0.41903996866880444 | -- |
| 15 | FIBER | Leaf | 24000.0 | 184615.0 | 0.2854116522277192 | -- |
| 0 | ASH | Shoot | 134000.0 | 182000.0 | 1.839201015340348 | -- |
| 0 | ASH | Leaf | 21000.0 | 161540.0 | 0.752115574784851 | -- |
| 0 | WATER | Stem | | 105000.0 | -1.9701027401281699 | -- |
| 28 | CALCIUM | Shoot | 4500.0 | 46000.0 | 2.2812564083055866 | -- |
| 0 | FAT | Shoot | 32000.0 | 44000.0 | -0.04783902215825686 | -- |
| 28 | CALCIUM | Plant | 36000.0 | 39000.0 | 2.718086696820638 | -- |
| 0 | FAT | Leaf | 5000.0 | 38460.0 | -0.3587242337620229 | -- |
| 13 | LIGNIN | Stem | | 14600.0 | -1.5589602094881923 | -- |
| 7 | CHLORINE | Plant | 10000.0 | 12000.0 | 1.2871679446016635 | -- |
| 112 | ASCORBIC-ACID | Leaf | 730.0 | 5615.0 | 0.07708035326518038 | -- |
| 14 | SULFUR | Plant | 3000.0 | 3700.0 | -0.06746194140416575 | -- |
| 6 | IRON | Plant | 1500.0 | 3500.0 | 3.3834213879249693 | -- |
| 4 | PHOSPHORUS | Leaf | 450.0 | 3460.0 | -0.27808795268302283 | -- |
| 0 | KILOCALORIES | Leaf | 380.0 | 2923.0 | -0.15326417745778728 | -- |
| 4 | PHOSPHORUS | Shoot | 1400.0 | 2400.0 | -0.44826021665229215 | -- |
| 14 | POTASSIUM | Plant | 1100.0 | 1300.0 | -1.4294588559521793 | -- |
| 4 | PHOSPHORUS | Plant | 270.0 | 700.0 | -1.388106682219866 | -- |
| 53 | BETA-CAROTENE | Leaf | 52.0 | 403.0 | 0.6171042953489012 | -- |
| 0 | TITANIUM | Plant | 110.0 | 230.0 | 0.6949614964235924 | -- |

| Activities Count | Chemical | Plant Part | Low PPM | High PPM | StdDev | Refernce Citation |
|------------------|---------------------------|------------|---------|----------|----------------------|-------------------|
| 14 | MANGANESE | Plant | 80.0 | 140.0 | 0.3085011237434453 | -- |
| 6 | IRON | Leaf | 16.0 | 123.0 | -0.6088054252650762 | -- |
| 0 | STRONTIUM | Plant | 90.0 | 118.0 | -0.22322527483594615 | -- |
| 39 | NIACIN | Shoot | | 67.0 | -0.5100692757231685 | -- |
| 39 | NIACIN | Leaf | 7.0 | 54.0 | -0.5291254900954042 | -- |
| 0 | BARIUM | Plant | 40.0 | 46.0 | -0.2177950958541429 | -- |
| 77 | ZINC | Plant | 32.0 | 43.0 | -0.09018412071860993 | -- |
| 15 | RIBOFLAVIN | Leaf | 2.8 | 22.0 | -0.07473683964760136 | -- |
| 15 | RIBOFLAVIN | Shoot | | 16.0 | -0.23746381517706913 | -- |
| 24 | CHROMIUM | Plant | | 16.0 | 0.6283450177618943 | -- |
| 0 | RUBIDIUM | Plant | 13.0 | 14.0 | -0.8186393293610188 | -- |
| 0 | BROMINE | Plant | 8.0 | 14.0 | -0.6234303672939611 | -- |
| 12 | COPPER | Plant | | 13.0 | -0.11258700446602109 | -- |
| 31 | THIAMIN | Shoot | | 7.0 | -0.5752246726681589 | -- |
| 31 | THIAMIN | Leaf | 0.3 | 2.3 | -1.2513934415344161 | -- |
| 3 | NICKEL | Plant | | | | -- |
| 0 | APIGENIN-RHAMNOGLUCOSIDE | Leaf | | | | -- |
| 2 | RHOIFOLIN | Leaf | | | | -- |
| 2 | MOLYBDENUM | Plant | | | | -- |
| 58 | EMODIN | Root | | | | -- |
| 0 | LEAD | Plant | | | | -- |
| 0 | PHYSCION-8-BETA-GLUCOSIDE | Root | | | | -- |
| 77 | CHLOROGENIC-ACID | Leaf | | | | -- |
| 2 | ARSENIC | Plant | | | | -- |
| 12 | IODINE | Plant | | | | -- |