

Dr. Duke's Phytochemical and Ethnobotanical Database

Chemicals Found in *Celosia cristata*

| Activity Count | Chemical | Plant Part | Low PPM | High PPM | StdDev | Reference Citation |
|----------------|---------------|------------|---------|----------|-----------------------|--------------------|
| 1 | AMARANTHIN | Flower | -- | -- | | |
| 2 | ARSENIC | Flower | 0.12 | 0.12 | -1.1404179783460853 | |
| 5 | BETANIN | Plant | -- | -- | | |
| 0 | BETAXANTHIN | Flower | -- | -- | | |
| 28 | CALCIUM | Flower | 8910 | 8910 | 0.8685362216775767 | |
| 0 | CELOSIANIN | Flower | -- | -- | | |
| 12 | COPPER | Flower | 9 | 9 | -0.8371161987468383 | |
| 0 | FAT | Seed | 134000 | 134000 | -0.6920654403008588 | |
| 61 | FERULIC-ACID | Flower | -- | -- | | |
| 6 | IRON | Flower | 180 | 180 | 0.07967645325905538 | |
| 0 | ISOAMARANTHIN | Flower | -- | -- | | |
| 0 | ISOCELOSIANIN | Flower | -- | -- | | |
| 65 | MAGNESIUM | Flower | 6080 | 6080 | 2.361681317560633 | |
| 14 | MANGANESE | Flower | 109 | 109 | -0.007357959913546214 | |
| 1 | MERCURY | Flower | 0.29 | 0.29 | 2.1438251488436184 | |
| 14 | POTASSIUM | Flower | 20600 | 20600 | 0.13640453324796087 | |
| 0 | PROTEIN | Seed | 181000 | 181000 | -0.4696483625509914 | |
| 1 | SODIUM | Flower | 137 | 137 | -0.5392834832691545 | |

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|----------------|----------|------------|---------|----------|--------------------|--------------------|
| 77 | ZINC | Flower | 39 | 39 | 0.2510160873322747 | |