

# **P** *Lycoris radiata*

## Common Name(s)

Spider Lily

## How Used

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| Chemical | Plant Part                      | Low PPM | High PPM | StdDev | Reference Citation |
|----------|---------------------------------|---------|----------|--------|--------------------|
| 0        | 2-(4-HYDROXY-BENZYL)-MALIC-ACID | Flower  | --       | --     |                    |
| 0        | CHRYSANTHEMIN                   | Flower  | 400      | 400    |                    |
| 0        | CYANIDIN-3-GLUCOSIDE            | Flower  | --       | --     |                    |
| 0        | CYANIDIN-3-SAMBUBIOSIDE         | Flower  | --       | --     |                    |
| 0        | DEMETHYLHOMOLYCORINE            | Bulb    | --       | --     |                    |
| 0        | DEMETHYLLYCORAMINE              | Bulb    | --       | --     |                    |
| 0        | ETHYLRADIATINE                  | Bulb    | --       | --     |                    |
| 0        | FRUCTANE                        | Bulb    | 110000   | 120000 |                    |
| 8        | FRUCTOSE                        | Bulb    | 21400    | 21400  | 1                  |
| 18       | GALANTHAMINE                    | Bulb    | --       | --     |                    |
| 7        | GLUCOSE                         | Bulb    | 6900     | 6900   | -1                 |

| Chemical Plant Part |                                | Low PPM | High PPM | StdDev Reference Citation |
|---------------------|--------------------------------|---------|----------|---------------------------|
| 5                   | HAEMANTHAMINE                  | Bulb    | --       | --                        |
| 0                   | HAEMANTHIDINE                  | Bulb    | --       | --                        |
| 0                   | HIGANBANAMANNAN                | Bulb    | 39000    | 39000                     |
| 2                   | HIPPEASTRINE                   | Bulb    | --       | --                        |
| 0                   | HOMOLYCORINE                   | Bulb    | --       | --                        |
| 0                   | LYCORAMINE                     | Bulb    | --       | --                        |
| 0                   | LYCOREMINE                     | Bulb    | --       | --                        |
| 3                   | LYCORENINE                     | Bulb    | --       | --                        |
| 0                   | LYCORICYANINCHLORIDE           | Flower  | --       | --                        |
| 28                  | LYCORINE                       | Bulb    | --       | --                        |
| 0                   | LYCORISINE                     | Bulb    | 200200   | 200200                    |
| 0                   | NORPLUVIINE                    | Bulb    | --       | --                        |
| 0                   | PHLORACETOPHENOTRIMETHYLEETHER | Bulb    | --       | --                        |
| 0                   | PLUVIINE                       | Bulb    | --       | --                        |
| 5                   | PRETAZETTINE                   | Stem    | --       | --                        |
| 1                   | PSEUDOLYCORINE                 | Bulb    | --       | --                        |
| 0                   | RADIATINE                      | Rhizome | --       | --                        |
| 0                   | SEKISANINE                     | Bulb    | --       | --                        |
| 0                   | SEKISANOLINE                   | Bulb    | --       | --                        |

| Chemical | Plant Part   | Low PPM | High PPM | StdDev | Reference Citation   |
|----------|--------------|---------|----------|--------|--|
| 0        | SQUAMIGERINE | Bulb    | --       | --     |  |
| 5        | STARCH       | Bulb    | 200000   | 551000 |  |
| 14       | SUCROSE      | Bulb    | 73200    | 73200  | 1 List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979. |
| 0        | SUISENINE    | Bulb    | --       | --     |  |
| 1        | TAZETTINE    | Bulb    | --       | --     |  |
| 0        | VITTATINE    | Plant   | --       | --     |  |