

# P **Lophophora williamsii**

## Common Name(s)

Peyote

## How Used

M

| Chemical Plant Part |                             | Low   | High  | StdDev | Reference          | Citation |
|---------------------|-----------------------------|-------|-------|--------|--------------------|----------|
|                     |                             | PPM   | PPM   |        |                    |          |
| 0                   | 3,4-DIMETHOXYPHENETHYLEMINE | Plant | --    | --     |                    |          |
| 0                   | ALKALOIDS                   | Plant | 50000 | 50000  | 0.9500961981885839 |          |
| 0                   | ANHALAMINE                  | Plant | --    | --     |                    |          |
| 0                   | ANHALIDINE                  | Plant | --    | --     |                    |          |
| 0                   | ANHALININE                  | Plant | --    | --     |                    |          |
| 0                   | ANHALONIDINE                | Plant | --    | --     |                    |          |
| 0                   | ANHALONINE                  | Plant | --    | --     |                    |          |
| 0                   | ANHALOTINE                  | Plant | --    | --     |                    |          |
| 4                   | CANDICINE                   | Plant | --    | --     |                    |          |
| 0                   | DEMETHYL-MESCALINE          | Plant | --    | --     |                    |          |
| 8                   | HORDENINE                   | Plant | --    | --     |                    |          |

|    | Chemical Plant Part            | Low PPM | High PPM | StdDev | Reference | Citation |
|----|--------------------------------|---------|----------|--------|-----------|----------|
| 1  | LOPHOPHORINE                   | Plant   | --       | --     |           |          |
| 0  | LOPHOTINE                      | Plant   | --       | --     |           |          |
| 10 | MESCALINE                      | Plant   | --       | --     |           |          |
| 0  | MESCALINE-CITRIMIDE            | Plant   | --       | --     |           |          |
| 0  | MESCALINE-ISOCITRIMIDE-LACTONE | Plant   | --       | --     |           |          |
| 0  | MESCALINE-MALEIMIDE            | Plant   | --       | --     |           |          |
| 0  | MESCALINE-MALIMIDE             | Plant   | --       | --     |           |          |
| 0  | MESCALINE-SUCCINIMIDE          | Plant   | --       | --     |           |          |
| 0  | MESCALOTAM                     | Plant   | --       | --     |           |          |
| 0  | N-ACETYL-3-DEMETHYLMESCALINE   | Plant   | --       | --     |           |          |
| 0  | N-ACETYL-ANHALAMINE            | Plant   | --       | --     |           |          |
| 0  | N-ACETYL-ANHALONINE            | Plant   | --       | --     |           |          |
| 0  | N-ACETYLMESCALINE              | Plant   | --       | --     |           |          |
| 0  | N-FORMYL-3-DEMETHYLMESCALINE   | Plant   | --       | --     |           |          |
| 0  | N-FORMYL-ANHALAMINE            | Plant   | --       | --     |           |          |
| 0  | N-FORMYL-ANHALONIDINE          | Plant   | --       | --     |           |          |
| 0  | N-FORMYL-ANHALONINE            | Plant   | --       | --     |           |          |
| 0  | N-FORMYL-MESCALINE             | Plant   | --       | --     |           |          |
| 0  | N-FORMYL-O-METHYL-ANHALONIDINE | Plant   | --       | --     |           |          |

| Chemical Plant Part |                       | Low   | High | StdDev | Reference | Citation |
|---------------------|-----------------------|-------|------|--------|-----------|----------|
|                     |                       | PPM   | PPM  |        |           |          |
| 0                   | N-METHYL-MESCALINE    | Plant | --   | --     |           |          |
| 1                   | N-METHYL-TYRAMINE     | Plant | --   | --     |           |          |
| 0                   | O-METHYL-ANHALONIDINE | Plant | --   | --     |           |          |
| 2                   | PELLOTINE             | Plant | --   | --     |           |          |
| 0                   | PEYOGLUNOL            | Plant | --   | --     |           |          |
| 0                   | PEYOGlutAM            | Plant | --   | --     |           |          |
| 0                   | PEYONINE              | Plant | --   | --     |           |          |
| 0                   | PEYOPHORINE           | Plant | --   | --     |           |          |
| 0                   | PEYORUVIC-ACID        | Plant | --   | --     |           |          |
| 0                   | PEYOTINE              | Plant | --   | --     |           |          |
| 0                   | PEYOXYLIC-ACID        | Plant | --   | --     |           |          |
| 11                  | TYRAMINE              | Plant | --   | --     |           |          |