

Dr. Duke's Phytochemical and Ethnobotanical Databases

Chemicals found in *Alisma plantago-aquatica*

| Activities Count | Chemical | Plant Part | Low PPM | High PPM | StdDev | Refernce Citation |
|------------------|--|------------|---------|----------|----------------------|-------------------|
| 0 | 16-BETA-HYDROXYALISOL-B-MONOACETATE | Rhizome | | | | -- |
| 0 | 16-BETA-METHOXYALISOL-B-MONOACETATE | Rhizome | | | | -- |
| 0 | ACETYLLALISOLS | Plant | | | | -- |
| 0 | ACETYLVALINE | Rhizome | | | | -- |
| 0 | ADENOSINE-5'-PHOSPHOSULFATE-SULFOTRANSFERASE | Plant | | | | -- |
| 2 | ALISMOL | Plant | | | | -- |
| 0 | ALISMOXIDE | Plant | | | | -- |
| 2 | ALISOL-A | Rhizome | | | | -- |
| 5 | ALISOL-A-MONOACETATE | Plant | | | | -- |
| 3 | ALISOL-B | Rhizome | | | | -- |
| 2 | ALISOL-B-MONOACETATE | Plant | | | | -- |
| 0 | ALISOL-C | Rhizome | | | | -- |
| 1 | ALISOL-C-MONOACETATE | Plant | | | | -- |
| 0 | ARABINOSE | Plant | | | | -- |
| 2 | ARSENIC | Rhizome | | 0.05 | -0.4841759474586404 | -- |
| 2 | ASPARAGINE | Plant | | | | -- |
| 47 | BETA-SITOSTEROL | Rhizome | | | | -- |
| 28 | CALCIUM | Rhizome | 1630.0 | 3430.0 | -0.7610352771111585 | -- |
| 20 | CHOLINE | Rhizome | | | | -- |
| 7 | CHRYSOERIOL | Plant | | | | -- |
| 12 | COPPER | Rhizome | 11.0 | 15.0 | 0.9991093956968536 | -- |
| 0 | CYTIDINE | Plant | | | | -- |
| 0 | D-FRUCTOSE | Rhizome | | | | -- |
| 1 | D-GLUCOSE | Rhizome | | | | -- |
| 0 | EPIALISOL-A | Rhizome | | | | -- |
| 0 | FAT | Rhizome | | 42000.0 | -0.06513927970185569 | -- |

| Activities Count | Chemical | Plant Part | Low PPM | High PPM | StdDev | Refernce Citation |
|------------------|--|------------|---------|----------|----------------------|-------------------|
| 0 | FURFURALDEHYDE | Plant | | | | -- |
| 1 | GALACTOSE | Plant | | | | -- |
| 6 | GUANIDINE | Plant | | | | -- |
| 6 | IRON | Rhizome | 95.0 | 110.0 | -0.7515734639063731 | -- |
| 20 | LECITHIN | Rhizome | | | | -- |
| 13 | LIGNIN | Plant | | | | -- |
| 78 | LUTEOLIN | Plant | | | | -- |
| 65 | MAGNESIUM | Rhizome | 1410.0 | 1740.0 | 0.09925884865486072 | -- |
| 14 | MANGANESE | Rhizome | 360.0 | 479.0 | 2.359023846210149 | -- |
| 1 | MERCURY | Rhizome | | 0.01 | -0.9636241116594312 | -- |
| 11 | NICOTINIC-ACID | Plant | | | | -- |
| 18 | OLEIC-ACID | Plant | | | | -- |
| 13 | PALMITIC-ACID | Plant | | | | -- |
| 11 | PANTOTHENIC-ACID | Plant | | | | -- |
| 26 | PHENOL | Plant | | | | -- |
| 14 | POTASSIUM | Rhizome | 9560.0 | 11200.0 | -0.19563688762796466 | -- |
| 0 | PROANTHOCYANIDIN | Plant | | | | -- |
| 0 | PROTEIN | Seed | | 132000.0 | -0.9055287385749634 | -- |
| 43 | PYRIDOXINE | Plant | | | | -- |
| 1 | RAFFINOSE | Plant | | | | -- |
| 87 | RUTIN | Leaf | | | | -- |
| 0 | SITOSTEROL-3-O-6- STEAROYL-BETA-D- GLUCOPYRANOSIDE | Plant | | | | -- |
| 1 | SODIUM | Rhizome | 151.0 | 322.0 | -0.25825765219310143 | -- |
| 1 | STACHYOSE | Plant | | | | -- |
| 8 | STEARIC-ACID | Plant | | | | -- |
| 14 | SUCROSE | Rhizome | | | | -- |
| 35 | TANNIN | Plant | | | | -- |

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|------------------|----------|------------|---------|----------|----------------------|-------------------|
| 3 | VALINE | Rhizome | | | | -- |
| 77 | ZINC | Rhizome | 54.0 | 68.0 | -0.12850079606062845 | -- |