

Dr. Duke's Phytochemical and Ethnobotanical Databases

Chemicals found in *Cornus officinalis*

| Activities Count | Chemical       | Plant Part | Low PPM | High PPM | StdDev               | Refernce Citation |
|------------------|----------------|------------|---------|----------|----------------------|-------------------|
| 89               | URSOLIC-ACID   | Seed       |         |          |                      | --                |
| 89               | URSOLIC-ACID   | Fruit      |         |          |                      | --                |
| 77               | ZINC           | Fruit      |         | 12.0     | -0.5506181180861668  | --                |
| 65               | MAGNESIUM      | Fruit      |         | 830.0    | -0.6018536723167981  | --                |
| 64               | OLEANOLIC-ACID | Seed       |         |          |                      | --                |
| 62               | GALLIC-ACID    | Fruit      |         |          |                      | --                |
| 28               | CALCIUM        | Fruit      |         | 3250.0   | -0.13990687775164554 | --                |
| 15               | MALIC-ACID     | Fruit      |         |          |                      | --                |
| 14               | POTASSIUM      | Fruit      |         | 19500.0  | 0.14009735342842455  | --                |
| 14               | MANGANESE      | Fruit      |         | 11.0     | -0.3310049249023243  | --                |
| 12               | COPPER         | Fruit      | 5.0     | 6.0      | -0.5307153602504487  | --                |
| 9                | SWEROSIDE      | Fruit      |         |          |                      | --                |
| 6                | IRON           | Fruit      |         | 90.0     | -0.17048243955267198 | --                |
| 6                | TARTARIC-ACID  | Fruit      |         |          |                      | --                |
| 4                | LOGANIN        | Fruit      |         |          |                      | --                |
| 2                | ARSENIC        | Fruit      |         | 0.65     | 0.29606971086141826  | --                |
| 2                | ISOTERCHEBIN   | Fruit      |         |          |                      | --                |
| 1                | SODIUM         | Fruit      |         | 138.0    | -0.1708644014416976  | --                |