

Dr. Duke's Phytochemical and Ethnobotanical Databases

Chemicals found in *Sterculia urens*

| Activities Count | Chemical            | Plant Part | Low PPM  | High PPM | StdDev                | Refernce Citation          |
|------------------|---------------------|------------|----------|----------|-----------------------|----------------------------|
| 16               | ACETIC-ACID         | Gum        |          |          |                       | --                         |
| 0                | ALPHA-CELLULOSE     | Wood       |          | 239248.0 | -1.730045623481555    | --                         |
| 0                | ASH                 | Gum        |          | 59200.0  | 1.0                   | --                         |
| 0                | BETA-D-GALACTOSE    | Gum        |          |          |                       | --                         |
| 13               | BETULIN             | Bark       |          | 50.0     | -0.4040774438365699   | Jim Duke's personal files. |
| 0                | CARBOHYDRATES       | Seed       |          | 280000.0 | -0.9673298612488128   | --                         |
| 0                | D-GALACTOSE         | Gum        |          |          |                       | --                         |
| 0                | D-GALACTURONIC-ACID | Gum        |          |          |                       | --                         |
| 0                | D-GLUCURONIC-ACID   | Gum        |          |          |                       | --                         |
| 0                | FAT                 | Seed       | 200000.0 | 260000.0 | -0.028378370202724528 | --                         |
| 0                | FAT                 | Gum        |          | 2800.0   |                       | --                         |
| 15               | FIBER               | Gum        |          | 4100.0   |                       | --                         |
| 6                | FURFURAL            | Gum        |          | 123000.0 |                       | --                         |
| 1                | GALACTOSE           | Gum        |          |          |                       | --                         |
| 0                | L-RHAMNOSE          | Gum        |          |          |                       | --                         |
| 1                | LIGNOCERIC-ACID     | Seed       | 3740.0   | 4082.0   | -0.043709210355962286 | --                         |
| 27               | LINOLEIC-ACID       | Seed       | 4840.0   | 6292.0   | -0.8639231349775371   | --                         |
| 3                | MUCILAGE            | Gum        | 700000.0 | 750000.0 |                       | --                         |
| 6                | MYRISTIC-ACID       | Seed       | 9300.0   | 12090.0  | -0.1377346616863788   | --                         |
| 18               | OLEIC-ACID          | Seed       | 133180.0 | 173134.0 | 0.44416292366776255   | --                         |
| 13               | PALMITIC-ACID       | Seed       | 35640.0  | 46332.0  | 0.25637844478861455   | --                         |
| 0                | PROTEIN             | Gum        |          | 6300.0   |                       | --                         |
| 0                | PROTEIN             | Seed       |          | 350000.0 | 1.03369415883781      | --                         |
| 0                | RHAMNOSE            | Gum        |          |          |                       | --                         |
| 15               | RIBOFLAVIN          | Gum        | 17.0     | 31.0     |                       | --                         |
| 44               | SCOPOLETIN          | Bark       |          |          |                       | --                         |
| 8                | STEARIC-ACID        | Seed       | 4020.0   | 5226.0   | -0.4520035862048347   | --                         |

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|------------------|-------------|------------|----------|----------|--------|-------------------|
| 35               | TANNIN      | Gum        |          | 20000.0  |        | --                |
| 35               | TANNIN      | Bark       |          |          |        | --                |
| 0                | URONIC-ACID | Gum        |          | 319100.0 |        | --                |
| 0                | WATER       | Gum        | 120000.0 | 240000.0 |        | --                |