

## Product Specifications

**Product Name**

**Puerarin**

*Syn:*

8-β-D-Glucopyranosyl-7-hydroxy-3-(4-hydroxy-phenyl)-4H-1-benzopyran-4-one

**CAS No.**

**3681-99-0**

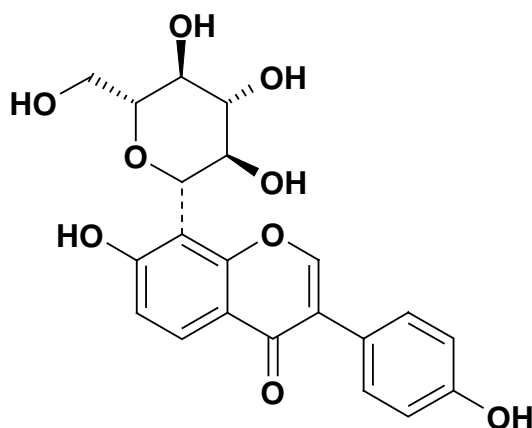
**Empirical Formula**

**C<sub>21</sub>H<sub>20</sub>O<sub>9</sub>**

**Mol. Weight**

**416.38**

**Structure**



| <i>Test</i>                  | <i>Specification</i>                  |
|------------------------------|---------------------------------------|
| <b>Source</b>                | <i>Pueraria lobata (Willd. ) Ohwi</i> |
| <b>Identity</b>              | IR                                    |
| <b>Appearance</b>            | White Solid                           |
| <b>Mp</b>                    | 187 - 189 C (98%)                     |
| <b>Assay</b>                 | 80%; 90%; 98% min.                    |
| <b>Heavy Metals (Pb, As)</b> | < 10 ppm                              |
| <b>Loss on Drying</b>        | 2 % max                               |
| <b>Residue on Ignition</b>   | <1 % max                              |

*Microbiological*

| <i>Test</i>                           | <i>Specification</i> |
|---------------------------------------|----------------------|
| <b>Pesticides /Herbicide Residues</b> | Conforms to USP      |
| <b>Total Plate Count</b>              | 1000 CFU/gm max.     |
| <i>Salmonella</i>                     | negative             |
| <i>E.Coli</i>                         | negative             |
| <b>Yeast &amp; Mold</b>               | 100 CFU/gm max.      |