

## 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**

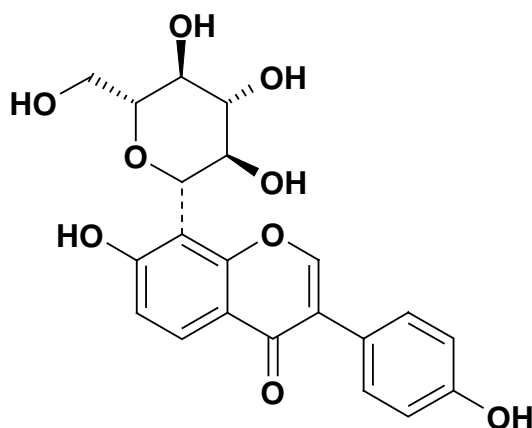
**Empirical Formula**

**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>	85%; 90%; 95%; 98% min.
<b>Heavy Metals (Pb, As)</b>	< 10 ppm
<b>Loss on Drying</b>	2 % max
<b>Residue on Ignition</b>	2 % 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.
<u>Salmonella</u>	negative
<i>E.Coli</i>	negative
<b>Yeast&amp;Mold</b>	100 CFU/gm max.