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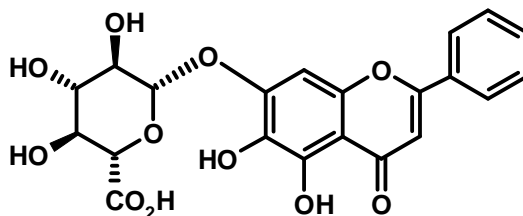
## Product Specifications

### Baicalin

**CAS** 21967-41-9

**Syn:** Baicalein 7-D-glucuronide

**Structure:**



**Mol. Formula**  
**Source**

**C<sub>21</sub>H<sub>18</sub>O<sub>11</sub>**  
*Scutellaria baicalensis* (root)

**Mol. Wt.**

446.36

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### Test

### Specification

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<b>Identity</b>	IR(KBr), UV-Vis
<b>Appearance</b>	Canary yellow solid
<b>Particle Size</b>	100% pass through 80 mesh
<b>Mp</b>	223-225°C [Lit.]
<b>Assay</b> (hplc)	95% min.
<b>UV-Vis</b> (MeOH)	$\lambda_{\max}$ 274, 315 (lit.)
<b>LOD</b>	5 % max
<b>Ash</b> (residue on ignition)	0.5% max
<b>Heavy metals</b>	
<b>Pb</b>	< 3 ppm
<b>As</b>	< 3 ppm
<b>Hg</b>	< 1 ppm

- cont'd -

- cont'd -

<i>Test</i>	<i>Specification</i>
<b>Pesticides/Herbicides Residues</b>	
Hexachlorobenzene	< 0.1 ppm
DDT	<1 ppm
Pentachlorothioanisol	<1 ppm
Lindane	< 0.6 ppm
<b><u>Microbiological Specification</u></b>	
<b>Total Aerobic (CFU/g) (USP25)</b>	<100 organisms/g
<i>E. Coli</i>	negative
<i>Salmonella</i>	negative
<i>Staphylococcus aureus</i>	negative
<i>Aspergillus species</i>	negative
<i>Listeria</i>	negative
<i>Pseudomonas</i>	negative
<i>Candida Albicans</i>	negative
<i>Gram positive/negative bacteria</i>	negative
<b>Mold and Yeast (CFU/g)</b>	≤100

**Storage:** Maintain in cool, dry containment.