

Product Specifications

Product Name

Baicalein

Syn.:

5,6,7-Trihydroxy-2-phenyl-4H-1-benzopyran-4-one;
5,6,7-Trihydroxyflavone; Noroxylin

CAS No.

491-67-8

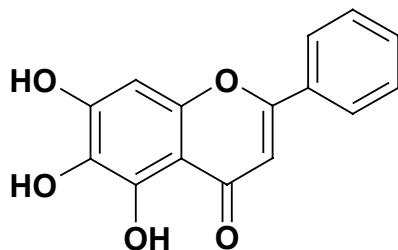
Empirical Formula

C₁₅H₁₀O₅

Mol. Weight

270.24

Structure



<i>Test</i>	<i>Specification</i>
Source	<i>Scutellaria baicalensis</i> (root)
Identity	IR
Appearance	Yellow micro-crystalline solid
Mp	264-165 °C (99%)
Assay	90% min.
Loss on Drying	5 % max
Residue on Ignition	2 % max

cont'd

Product Specifications (cont'd)

Product : **Baicalein**

<i>Test</i>	<i>Specification</i>
Heavy Metal (Pb, As)	<10 ppm
Pesticides/Herbicides Residues	
Hexachlorobenzene	< 0.1 ppm
Quintozene (Pentachloronitrobenzene)	<1 ppm
Pentachloroaniline	<1 ppm
Pentachloroethioanisol	<1 ppm
Lindane	< 0.6 ppm

Microbiological Assay

<i>Test</i>	<i>Specification</i>
Total Aerobic Plate Count	<100 organisms/g
Includes:	
<i>E. coli</i> ,	negative
<i>Salmonella</i>	negative
<i>Staphylococcus aureus</i>	negative
<i>Aspergillus</i> species	negative
<i>Listeria</i>	negative
<i>Pseudomonas</i>	negative
Total Mold/Yeast	<100 cfu/g