

[Jump to Website](#)

[Request Quote](#)

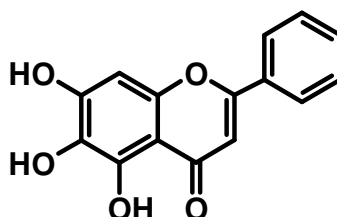
Product Specifications

Baicalein

CAS 491-67-8

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

Structure:



Mol. Formula
Source

C₁₅H₁₀O₅

Scutellaria baicalensis Georgi (root)
S. scordiifolia Fisch. (*S. galericulta* L.)

Mol. Wt.

270.24

Test

Specification

	UV MeOH	nm (log ϵ) 343 (4.24), 297 (4.47), λ_{max} 239, (4.54)
Identity	MS m/e (%)	270 (M ⁺ , 100), 241, (19), 168(74), 149(20), 112(5), 77(12)
Appearance		Cream to pale-yellow solid
Mp		264-265 °C
Assay (hplc)		> 98%.
LOD		< 3 % max
Ash (residue on ignition)		< 1% max
Heavy metals		< 10 ppm

- cont'd -

<i>Test</i>	<i>Specification</i>
<i>Microbiological Specification</i>	
Total Aerobic (CFU/g) (USP25)	<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
Mold and Yeast (CFU/g) (USP25)	<100 cfu/g
