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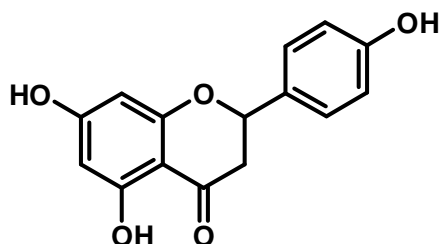
## Product Specifications

### Apigenin

CAS 520-36-5

Syn: 5,7-Dihydroxy-2-(4-hydroxyphenyl)-4H-1-benzopyran-4-one;  
4',5,7-Trihydroxyflavone; 2-(p-Hydroxyphenyl)-5,7-dihydroxychromone

Structure:



Mol. Formula  
Source

$C_{15}H_{10}O_5$   
*Matricaria chamomilla* L.. (flower)

Mol. Wt.

270.2

<i>Test</i>	<i>Specification</i>
Odor	Odorless
Appearance	Light yellow to yellow-microcryst. powder
Particle Size	98% through 80 mesh
Apigenin (HPLC - dry base)	≥ 80 %; > 90%; > 95%
Residue on Ignition (USP25)	< 2 % (80%-grade);
Solubility	Soluble in DMSO, slightly Soluble in hot ethanol; insoluble in water
Loss on Dry (USP25)	≤ 5.0 % (80%-grade)
Heavy metals	≤10 ppm
Lead (USP25)	≤10 ppm
Arsenic (USP25)	≤ 2 ppm

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<i><b>Test</b></i>	<i><b>Specification</b></i>
Solvents residue	
Ethanol (GC)	≤1000 ppm
Pesticides Residue (GC)	≤100 ppb
 <i><b>Microbiological Specification</b></i>	
Total Aerobic (CFU/g) (USP25)	≤1000
<i>E. Coli</i> (USP25)	Negative
<i>Salmonella</i> (USP25)	Negative
Mold and Yeast (CFU/g) (USP25)	≤100

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