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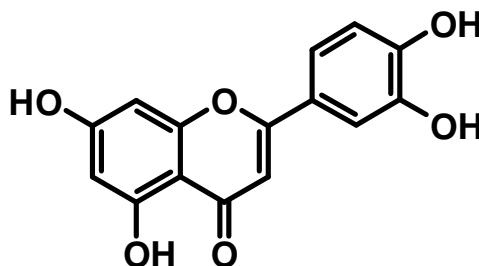
Product Specifications

Luteolin

CAS 491-70-3

Syn: 2-(3,4-Dihydroxyphenyl)-5,7-dihydroxy-4H-1-benzopyran-4-one;
3',4',5,7-Tetrahydroxyflavone; Digitoflavone; Cyanidenon

Structure:



Mol. Formula
Source

C₁₅H₁₀O₆
Pericarpium Citri Reticulatae, fruit peel

Mol. Wt.

286.24

<i>Test</i>	<i>Specification</i>
Appearance	Yellow, microcrystalline solid
Color	< 6 on Gardner Index [0.3% in EtOH]
Mp	328-330 °C (<i>dec</i>) [98%]
Assay (hplc)	> 90%; > 98%
LOD	< 5%
Ash (residue on ignition)	< 1%
Insolubles	Conforms to UV-VIS standard
Heavy metals	< 10 ppm

- cont'd -

- cont'd -

<i>Test</i>	<i>Specification</i>
Residual Solvents	≤ 0.1% Ethanol
Pesticide Residue	None detected
Preservatives (antioxidants, etc.)	None
Shelf-life	18 months when stored at 2-8 °C
<u>Microbiological Specification</u>	
Total Aerobic (USP25)	<100 CFU/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 (USP25)	<100 CFU/g

Storage: Maintain in cool, dry cool containment.