

## Product Specifications

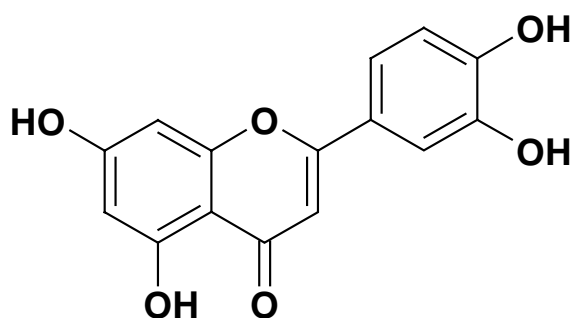
**Product Name:** Luteolin

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

**CAS No.:** 491-70-3

**Harmonized Tariff No.** 2532.99.95

**Structure:**



**Mol. Formula** C<sub>15</sub>H<sub>10</sub>O<sub>6</sub>

**Mol. Wt.** 286.24

**Source** *Pericarpium Citri Reticulatae*, fruit peel

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<i>Test</i>	<i>Specification</i>
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<b>Identity</b>	UV-VIS; IR
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<b>Appearance</b>	Yellow, microcrystalline solid
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<b>Mp</b>	328-330 °C ( <i>dec</i> ) [98%]
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<b>Assay (hlpc)</b>	> 80%; >90%; > 98%
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<b>LOD</b>	< 3%
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<b>Ash</b>	< 1%
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<b>Heavy metals</b>	< 10 ppm
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<b>Total Aerobic Plate Count</b>	<100 organisms/g
Includes:	
<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
<b>Total Mold/Yeast</b>	<100 cfu/g
<b>Shelf-life</b>	18 months when stored at 2-8 °C
<b>Preservatives</b> (antioxidants, etc.)	None
<b>Residual Solvent</b>	≤ 0.1% Ethanol
<b>Pesticide Residue</b>	None detected

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