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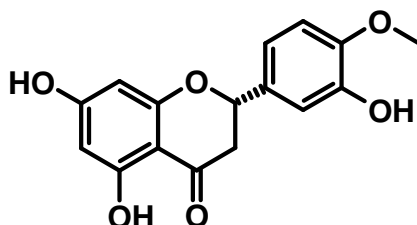
Product Specifications

Hesperetin

CAS 520-33-2

Syn: 4-Methoxy-3,5',7'-trihydroxyflavanone

Structure:



Mol. Formula
Source

$C_{16}H_{14}O_6$
Citrus Sinensis (fruit)

Mol. Wt.

302.28

Test

Specification

Identity	IR
Appearance	White microcryst. solid
Particle Size	100% through 80mesh
Mp	222-224°C [Lit.]
Assay (hplc)	98% min.
LOD	5 % max
Ash (residue on ignition)	< 1.0%
Heavy metals	
Pb	< 3 ppm
As	< 2 ppm
Cd	< 1 ppm
Hg	< 0.1 ppm

- cont'd -

- cont'd -

<i>Test</i>	<i>Specification</i>
Pesticides Residues	Meet USP34<561>
Residual Solvents	Meet Eur.Ph.7.0 <5.4>
<u>Microbiological Specification</u>	
Total Aerobic (CFU/g) (USP25)	<1000 organisms/g
<i>E. Coli</i>	negative
<i>Salmonella</i>	negative
Mold and Yeast (CFU/g)	≤100

Storage: Maintain in cool, dry containment.