



## Flavonoid Compound Mix and Standards

- Analytical standards for flavonoid analysis
- Flavonoids benefit consumers with health and healing properties
- Available in dimethyl sulfoxide at 1,000 µg/mL



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## Analytical Standards for Flavonoid Analysis

Flavonoids are naturally occurring secondary metabolic products which can have important functions within plants and benefit consumers with health and healing properties.

Many beneficial compounds are metabolites produced as an end product of chemical and biological processes. Metabolites are small molecules that have many functions including defense, pigments, pheromones, odorants and catalysts. Primary metabolites are necessary for plant growth, development and reproduction. Flavonoids are secondary plant, algae or fungus metabolites composed of polyphenolic compounds. Secondary metabolites are not directly involved in critical processes but have secondary functions involving defense and pigmentation.

We offer analytical standards for flavonoid analysis. Contact the Emerald Scientific team at 877.567.3598 x1 or via email at [Sales@EmeraldScientific.com](mailto:Sales@EmeraldScientific.com) to discuss your specific requirements.



Organic Certified  
Reference Materials



Analytical Standards for  
Flavonoid Testing



Supplied with a  
Certificate of Analysis



ISO Accredited  
Standards

Flavonoid Standard Mix in Dimethyl Sulfoxide					
Component	CAS #	Component	CAS #	Component	CAS #
Apigenin	520-36-5	(-)-Epicatechin	490-46-0	Myricetin	529-44-2
Baicalin	21967-41-9	Epigallocatechin	989-51-5	Orientin	28608-75-5
(+)-Catechin	154-23-4	Isovitexin	38953-85-4	Quercetin	117-39-5
Catechol	120-80-9	Kaempferol	520-18-3	Rutin	153-18-4
Chrysin	480-40-0	Luteolin	491-70-3	Vitexin	3681-93-4
		Concentration	Volume	Part #	
		1,000 µg/mL	1 mL	FLAVIN-1	

We offer the additional analytical standards listed below for flavonoid analysis. Contact the Emerald Scientific team at 877.567.3598 x1 or via email at [Sales@EmeraldScientific.com](mailto:Sales@EmeraldScientific.com) for details and to discuss your specific requirements.

Flavonoid Standards	
Component	CAS #
Apigenin	520-36-5
(+)-Catechin (as catechin hydrate)	7295-85-4
Catechol	120-80-9
(-)-Epicatechin	490-46-0
Epigallocatechin	970-74-1
Kaempferol	520-18-3
Luteolin	490-70-3
Myricetin	529-44-2
Quercetin	117-39-5
Vitexin	3681-93-4



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