


**Tests and packages**
**K0026 Catechins, Caffeine and Gallic Acid (HPLC)**


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Quantitate catechins, caffeine and gallic acid.

**Method** Determination of catechins, gallic acid and caffeine in tea and grape seed extracts using reversed phase HPLC with UV detection. Quantitation is done using external standards.

**Applied on** raw materials, extracts, softgels, capsules, tablets, premixes, powders, and liquids

**Parameters**

- Caffeine
- Catechin
- Catechin gallate
- Epicatechin
- Epicatechin-3-gallate
- Epigallocatechin
- Epigallocatechin-3-gallate
- Gallic acid
- Gallocatechin gallate

**Reference Method** Institute for Nutraceutical Advancement (INA)

**Price**                    **325.00 \$ US**            For the first sample/assay  
                                  **170.00 \$ US**            Other samples/assays

(Prices are provided for samples of the same series)

**KK221 Total Tea Polyphenols as Catechins (Folin-Ciocalteu) (UV)**


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**Method** Determination of total phenols on tea (*Camellia sinensis*) phenolics, phenols (or polyphenols) are of interest in dietary supplements such as green tea, white tea or black tea because of their antioxidant properties. This method uses a reference material mix that is an equal mix of catechin and epigallocatechin gallate, to roughly approximate the ratio of these compounds in green and white tea and extracts and to better match of the response factor of the reference material to the sample characteristics.

Sugar (fructose) is known to interfere with this determination.

**Applied on** most matrices

**Parameters** Total phenols

**Price**                    **130.00 \$ US**

(The \* sign indicates the test is accredited) (=The accreditation status of the test depends on the type of sample.) (The § sign indicates the test is not accredited for all parameters)