

# Theaflavin

## BLACK TEA EXTRACT

United States Patent Nos. 6,602,527 and 6,811,799

### FACT SHEET

- Description** This is an all-natural enhanced black tea extract containing concentrated levels of conventional tea polyphenols, including greater than 25% theaflavins. This patented black tea theaflavin extract is self-affirmed GRAS. Our extract can be delivered as a singular substance or incorporated into your heart healthy formulas containing antioxidants and other compatible nutrients. It is highly soluble and can be easily incorporated into beverage and food formulations.
- Benefits** This standardized extract contains a number of beneficial flavonoids derived from tealeaves, such as catechins, gallates and theaflavins. Flavonoids are a large group of phenolic products that have unique biological properties that can provide a number of health benefits within the body. This ingredient may help maintain healthy circulation and help maintain cholesterol levels already within a normal range. Flavonoids present in tea also have strong antioxidant properties and may protect cells and tissue against free oxygen radicals.
- Sources** Developed from a patented process, our black tea theaflavin extract is available as an ingredient solely from AFS.
- Indication** Scientists suggest that 300 mg per dose is advised to receive the optimal health benefits of these polyphenolic compounds.
- Research** Current investigations have confirmed specific black tea flavonoids, such as theaflavins might prevent oxidative LDL oxidation and favorably affect endothelial function, thus resulting in an associated reduced risk of cardiovascular disease including coronary heart disease or stroke. The absorption and utilization of tea flavonoids has been studied extensively. Tea flavonoids' effectiveness in changing the antioxidant activity of the plasma, urine and other biomarkers of oxidative damage has also been extensively studied. Research confirms tea flavonoids lead to reduced oxidative damage in vivo.

These statements have not been evaluated by the Food and Drug Administration.  
This ingredient is not intended to diagnose, treat, cure, or prevent any disease.

