



Description

Teavigo® is a highly purified and decaffeinated extract of green tea leaves (*Camellia sinensis*) in the form of a fine, off-white to pale pink powder. It is composed of a minimum of 94% epigallocatechin gallate (EGCg). Teavigo® has minimal coloring with little to no taste, ideal for use in antioxidant rich supplements, beverages, dairy products, confections and foods.

Teavigo® is GRAS Affirmed for its intended use in certain selected foods at levels up to 90 mg per serving (proposed uses and corresponding concentration per serving available upon request). Teavigo® complies with U.S. FDA pesticide regulations for tea as outlined in 40CFR180.

Teavigo® is Food Grade, Gluten Free, non GMO and certified Ⓚ Kosher and Halal (MUI).

Teavigo® is produced under license of Taiyo Kagaku Co., Ltd. at Taiyo Green Power, Co., Ltd., China

Product Identification

Chemical name:	polyphenol (-)-epigallocatechin-3-gallate
Synonyms:	epigallocatechin gallate (EGCg)
Formula:	$C_{22}H_{18}O_{11}$
CAS registry No:	989-51-5
HTS number:	2101.20.20 00
INCI name:	epigallocatechin gallate
Molecular mass:	458.4 g/mol

Specifications

Appearance	Off-white to pale-pink powder
EGCg content	Not less than 94%
Caffeine	Less than 0.10%
Loss on Drying	Less than 5.0%
Heavy Metals (as Pb)	Less than 10.0 $\mu\text{g/g}$
Arsenic (as As)	Less than 1.0 $\mu\text{g/g}$
Lead (as Pb)	Less than 1.0 $\mu\text{g/g}$
Cadmium (as Cd)	Less than 0.5 $\mu\text{g/g}$
Mercury (Hg)	Less than 0.1 $\mu\text{g/g}$

Solubility

EGCg is fairly soluble in water, ethanol, methanol and acetone.

Stability and Storage

In its original unopened packaging, may be stored at room temperature at least 36 months from date of production. Store in a cool, dry place away from heat and direct light. Once opened, use contents quickly.

Uses

For capsules and tablets, fortification of foods and beverages, and cosmetic and oral hygiene products.

Safety

This product is safe for the intended use. Avoid ingestion, inhalation of dust or direct contact by applying suitable protective measures and personal hygiene. For full safety information and necessary precautions, please refer to the respective Safety Data Sheet.



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