



CERTIFICATE OF ANALYSIS

PRODUCT:	(-)-Epigallocatechin Gallate (EGCG) [EGCG; (2R,3R)-2-(3,4,5-Trihydroxyphenyl)-3,4-dihydro-1[2H]-benzopyran-3,5,7-triol 3-(3,4,5-trihydroxybenzoate)] C ₂₂ H ₁₈ O ₁₁ , M.W. 458.4, CAS# [989-51-5]
PRODUCT NUMBER:	E-2002
LOT NUMBER:	A9661B
APPEARANCE:	Off-white powder
SOLUBILITY:	Soluble in 100% ethanol, dimethyl formamide or DMSO; slightly soluble in water.
SOURCE/HOST:	Isolated from green tea
PURITY (HPLC):	99.7%
PRODUCT DESCRIPTION:	Antitumor reagent. Antioxidant. Protects cells from lipid peroxidation and DNA damage induced by reactive free radicals. Inhibits inducible nitric oxide synthase (iNOS; NOS II). Chemopreventive anticancer agent. Induces apoptosis in human cancer cell lines. Inhibits MAP kinase mediated signalling pathways. Inhibits angiogenesis. Inhibits telomerase and DNA methyltransferase. Anti-inflammatory agent.
USE/STABILITY:	Stock solutions in DMSO are stable for up to 3 months when stored at -20°C.

A.G. Scientific, Inc.

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92121



STORAGE:

Keep cool and dry at +4°C. **PROTECT FROM LIGHT!**
After reconstitution, prepare aliquots and store at
-20°C. Keep under inert gas.

CAUTION: For research use only. Not for human or drug use. The pharmacological and toxicological properties of this product have not been fully investigated. Use caution when handling. Do not use this compound if you are not fully trained or are unaware of the hazards involved.

Verified: **KT**

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