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CERTIFICATE OF ANALYSIS

Cat No.: 020981S

Product: **EPIGALLOCATECHIN GALLATE with HPLC**

CAS No.: [989-51-5]

Lot Number: 00091307

Molecular Formula: C₂₂H₁₈O₁₁

Molecular Weight: 458.36

Melting Point: 220-229°C, dec

Appearance: Cream powder

[α]_D: -179°(c=0.3 in ethanol)

U.V.Spectrum: 275.2, 300sh nm in methanol

ε: 12120 at 275.2 nm in methanol

Moisture: 7.49%

Thin layer chromatography

-Support: On silica gel
-Solvent: Ethyl acetate/chloroform/formic acid
(7/2/1:V/V/V)
-Detection: U.V.

Purity: 98.8%

