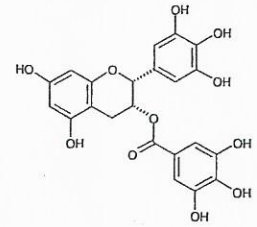




INDOFINE Chemical Company, Inc.

121 Stryker Lane, Building 30
Hillsborough, NJ 08844 USA
Phone: (908) 359-6778; Fax: (908) 359-1179



HPLC

Lot No.: 14091110

(-)-EPIGALLOCATECHIN GALLATE

020981S

IDENTIFICATION

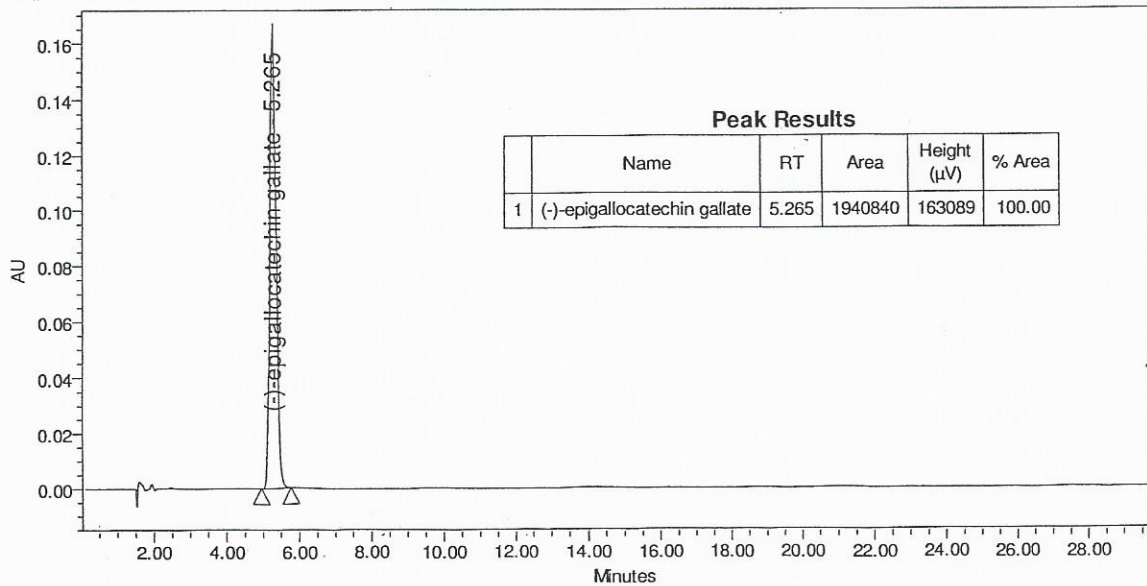
CAS number	[989-51-5]
Chemical family	Catechins, Tanins
Molecular formula	C ₂₂ H ₁₈ O ₁₁
Molecular weight	458.37

CERTIFICATE OF ANALYSIS

Appearance	White powder
Melting point	211-213°C, dec
[α] _D	-166° (c=0.2 in methanol)
Moisture	3.1%
Residual solvent	<0.5%
Thin layer chromatography	support Silicagel solvent Ethylacetate/Methylene chloride/Formic acid (7/2/1 V/V/V) detection U.V.
Absorption maxima	276 nm in ethanol
Storage	Store at +2/8°C in a dry and dark place. Place in a desiccator under vacuum for 48 hours before use

HIGH PERFORMANCE LIQUID CHROMATOGRAPHY

Column	Symmetry Shield RP18® (4.6 x 150 mm), particle size 3.5 μm
Solvent	Water + 5% acetic acid / Acetonitrile (85/15, V/V)
Flow rate	1 ml/mn
Detector	UV visible 275 nm
Sample solvent	Ethanol



Assay by an HPLC method

The values given on the 'Certificate of Analysis' are the results determined at the time of analysis.