

Certificate of Analysis

Date of Testing: 2025-06-16 15:38:11

Date of Next Testing: 2027-06-06 15:38:11

Product Name: **(-)-Epigallocatechin gallate**

CAS Number: 989-51-5

Specifications & Purity: Moligand™, analytical standard

Lot #: F2509109

SKU #: **E107403**

Version: **1**

Analysis #: **531208**

Storage Temperature: Store at 2-8°C, Protected from light, Argon charged

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	99.91200 %
Specific Rotation [α] ₂₀ /D(c=1 in EtOH)	-186--175 (°)	-175.60 °
Appearance (E107403)	White to pink to light red powder	White to pink to light red powder
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility in H ₂ O , Colorless to Faint Yellow,Faint Red,Clear,5 mg/ml	pass	Pass
LC-MS for identification	Conforms	Conforms



John Su
QA & QC Manager