

## Certificate of Analysis

Date of Testing: 2023-10-18 16:42:54  
Date of Next Testing: 2025-10-07 16:42:54  
Product Name: **(-)-Epigallocatechin gallate**  
CAS Number: 989-51-5  
Specifications & Purity: analytical standard  
Lot #: F1805096  
SKU #: **E107403**  
**Analysis: 286942**  
Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	99.87300%
Specific Rotation [α] <sub>20</sub> /D(c=1 in EtOH)	-186--175 (°)	-183.65°
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 <sub>2</sub> O , Colorless to Faint Yellow,Faint Red,Clear,5 mg/ml	pass	Pass
LC-MS for identification	Conforms	Conforms



John Su  
QA & QC Manager