

Certificate of Analysis



Product Identification		Chemical Structure
Catalog number	HB0275	
Compound name	Ellagic acid	
Chemical name	2,3,7,8-Tetrahydroxy-[1]benzopyrano [5,4,3-cde][1]benzopyran-5,10-dione	
Batch number	E2241-1-1	
Batch molecular formula	C ₁₄ H ₆ O ₈ · 1.2H ₂ O	
Batch molecular weight	323.81	
Method	QC requirement	QC Result
NMR	¹ H NMR in DMSO at 400 MHz consistent with structure and showing >98% purity	Meets specification
Mass spectrum	Electrospray negative analysis consistent with structure	Meets specification
Microanalysis	Elemental analysis is within 0.4% for the batch molecular formula	Meets specification
Physical appearance	Yellow to brown solid	Meets specification: Brown solid
Solubility	Soluble in 1M NaOH (10 mg/ml)	Meets specification

Produced by Richard Patterson

Signature

Passed by Steve Roome

Signature

Date

12/05/2023

This product is for RESEARCH USE ONLY and is not intended for therapeutic or diagnostic use. Not for human or veterinary use.