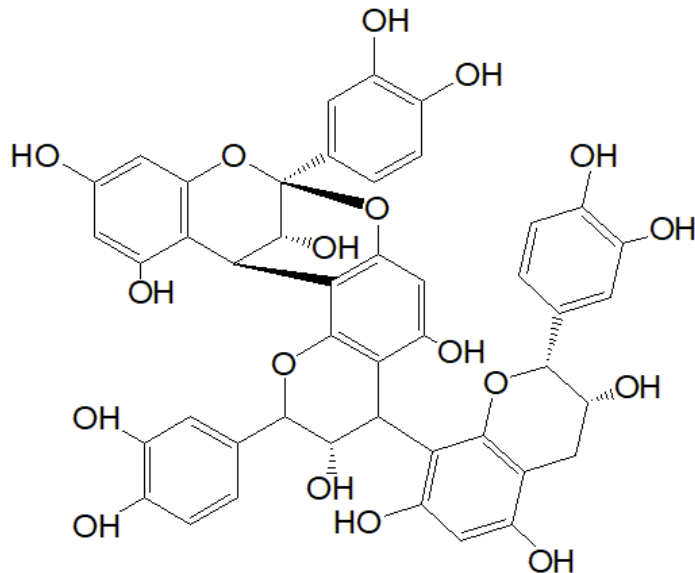


Certificate of Analysis



PRODUCT	Cinnamtannin B-1
BATCH #	033-087-J
ASSAY METHOD	HPLC, ¹ H-NMR, MS
REPORT DATE	2018-04-11
CHEMICAL NAME	
OTHER NAMES	
CHEMICAL FORMULA	C ₄₅ H ₃₆ O ₁₈
MOLECULAR WEIGHT	864.79
CAS REG. #	88082-60-4
STORAGE	Preferred: -20C in dark
EXPIRATION DATE	2021-04-10
NOTES	From cinnamomum cassia, zeylanicum, burmannii

Analytical Data

TEST	METHOD	SPECIFICATION	RESULT
HPLC at 245 nm	210 nm	>90%	96.3%
¹ H-NMR		Conforms	Conforms
Residual Solvents			NA
Appearance	NA	NA	Beige amorph. solid
Adjusted Purity		96.3%	

Signed: Jan Glinski, Ph.D.
 Planta Analytica LLC
 April 11, 2018

