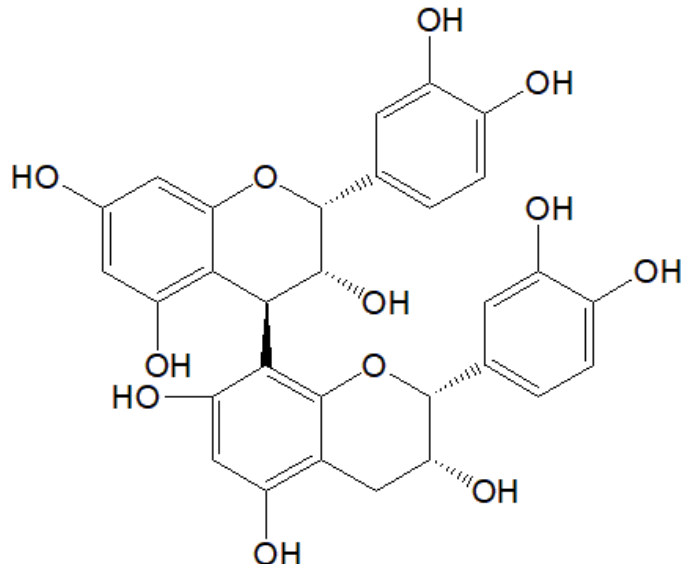


Certificate of Analysis



PRODUCT	Procyanidin B2
BATCH #	PA-033-031-A
ASSAY METHOD	HPLC, ¹ H-NMR
REPORT DATE	2018-02-09
CHEMICAL NAME	
Other Names	Procyanidin Dimer B2
CHEMICAL FORMULA	C ₃₀ H ₂₆ O ₁₂
MOLECULAR WEIGHT	578.52
CAS REG. #	29106-49-8
STORAGE	Preferred: -20C in dark
EXPIRATION DATE	2020-02-09
NOTES	From Cinnamon (<i>cinnamomum verum</i>)

Analytical Data

TEST	METHOD	SPECIFICATION	RESULT
HPLC at 245 nm	210 nm	>97%	97.5%
¹ H-NMR		Conforms	Conforms
Residual Solvents		<0.2%	
Appearance	NA	NA	Pinkish solid powder
Adjusted Purity	HPLC purity x [100%-0% residual solvent] = 97.5 x 1 = 97.5%		
Mass	20.2 mg		

Signed: Jan Glinski, Ph.D.
 Planta Analytica LLC
 February 9, 2018

