



CERTIFICATE OF ANALYSIS

The Power to Question

Catalog Number: sc-224213
Lot Number: SAMPLE
Product Name: Prostaglandin A₂-d₄
CAS Number: 201608-18-6
Molecular Formula: C₂₀H₂₆D₄O₄
Molecular Weight: 338.48

Test	Specification	Result
Identification (Mass Spectrometry - ESI)	M-H ⁺ : 337.5	337.3
	-H ₂ O: 319.5	319.3
	-CO ₂ : 293.5	293.4
	-H ₂ O, CO ₂ : 275.5	275.5
	-CH ₃ (CH ₂) ₄ CHO: 237.5	237.3
	-CH ₃ (CH ₂) ₄ CHO, CO ₂ : 193.5	193.4
Purity (HPLC)	> 98%	98.0% Retention Time Actual.: 10.60 min
Purity (TLC)	> 98%	100.00% Rf: 0.35
λ _{max}	216 nm	Complies

Satisfaction Guarantee: We appreciate your business and are committed to providing the highest level of quality and service. Any product that does not meet the performance standards indicated in our product literature will be replaced at no charge. Our policy is valid for one year from the date of your purchase.

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