



CERTIFICATE OF ANALYSIS

The Power to Question

Catalog Number: sc-223705
Lot Number: SAMPLE
Product Name: 5-trans Prostaglandin D₂
CAS Number:
Molecular Formula: C₂₀H₃₂O₅
Molecular Weight: 352.5

Test	Specification	Result
Identification (Mass Spectrometry - ESI)	MH+: 351.2	351.2
	-H ₂ O: 333.2	333.2
	-2H ₂ O: 315.2	315.3
	-2H ₂ O, CO ₂ : 271.2	271.4
	-CH ₃ (CH ₂) ₄ CHO, H ₂ O: 233.2	233.3
	-CH ₃ (CH ₂) ₄ CHO, H ₂ O, CO ₂ : 189.2	189.4
Purity (HPLC)	> 98%	98.5% Retention Time Actual.: 7.40 min
Purity (TLC)	> 98%	100.00% R _f = 0.4
Melting Point		72 - 74 °C

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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