



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-205142
Lot Number: SAMPLE
Product Name: 5-trans Prostaglandin E₂
CAS Number: 36150-00-2
Molecular Formula: C₂₀H₃₂O₅
Molecular Weight: 352.5

Test	Specification	Result
Identification (Infrared Spectrum)		Complies
Identification (Mass Spectrometry)		MH+: 351.2 -H ₂ O: 333.1 -2H ₂ O: 315.2 -2H ₂ O, CO ₂ : 271.4 -CH ₃ (CH ₂) ₄ CHO, H ₂ O: 233.2
Purity (HPLC)	> 98%	100.0%
Purity (TLC)	> 98%	100%
Melting Point		76 - 80 °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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