



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-214892
Lot Number: SAMPLE
Product Name: Digoxigenin
CAS Number: 1672-46-4
Molecular Formula: $C_{23}H_{34}O_5$
Molecular Weight: 390.51

Test	Specification	Result
Appearance	White to off-white powder	Off-white powder
Identification (Infrared Spectrum)	Conforms to structure	Conforms
Purity (HPLC)	$\geq 98 \%$	100 %
Solubility	Clear and colorless at 20 mg/ml, CHCl ₃ : MeOH (1:1)	Clear and colorless at 20 mg/ml, CHCl ₃ : MeOH (1:1)
Specific Rotation	20 - 28°, C = 1.77, MeOH	20°
Carbon Content	69.0 - 72.5 % (anhydrous)	70.5 % (anhydrous)
Water Content (KF)	$\leq 10 \%$	9 %

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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