



The Power to Question

# CERTIFICATE OF ANALYSIS

Catalog Number: sc-220661  
Lot Number: SAMPLE  
Product Name: 1 $\alpha$ -Hydroxyvitamin D3  
CAS Number: 41294-56-8  
Molecular Formula: C<sub>27</sub>H<sub>44</sub>O<sub>2</sub>  
Molecular Weight: 400.6

Test	Specification	Result
Appearance	White to off-white crystals	White crystals
Identification (HPLC)	Consistent with standard reference	Complies
Identification (Infrared Spectrum)	Consistent with standard reference	Complies
Purity (HPLC)	97%	99.8%
Solubility	Soluble in 100% ethanol	Complies
Related Substances	≤ 1%	< 1%

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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