



CERTIFICATE OF ANALYSIS

The Power to Question

Catalog Number: sc-473110
Lot Number: SAMPLE
Product Name: Acetoacetyl coenzyme A lithium salt
CAS Number:
Molecular Formula: $C_{25}H_{36}N_7O_{18}P_3SLi_4 \cdot 5H_2O$
Molecular Weight: 965.42

Test	Result
Appearance	Solid
Purity (TLC)	96%
TLC	Isobutyric acid / Sodium isobutyrate, pH 4.3 Prepared by adding 57.7 mL Isobutyric Acid to 35 mL water and adjusting the pH 4.3 with conc. sodium hydroxide then dilute to 100 mL. Principal Rf = 0.77 Trace Rf = 0.82
UV Absorption	λ_{max} at 260 nm, pH: 7 14.8x103 Ratios at pH 7: 232/260 = 0.52 250/260 = 0.90 280/260 = 0.24

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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