

Certificate of Analysis

PRODUCT:	Calcitriol 1 α , 25-Dihydroxyvitamin D ₃ C₂₇H₄₄O₃, M.W. 416.6, CAS# [32222-06-3]
PRODUCT NUMBER:	C-1026
LOT NUMBER:	L1413
APPEARANCE:	Colorless lyophilized solid
SOLUBILITY:	May be dissolved in DMSO (25 mg/ml); or Ethanol (25 mg/ml)
NMR:	Conforms
ANALYSIS (HPLC):	>99%
PRODUCT DESCRIPTION:	Endogenous, active hormonal form of vitamin D which mediates a diverse range of biological activities. A key regulator of bone and calcium homeostasis. Inhibits proliferation and includes differentiation in a wide variety of cell types. Important immune system regulator.
STORAGE & HANDLING:	Store desiccated at -20°C. PROTECT FROM LIGHT! CAUTION: For laboratory research & scientific manufacturing use only. Not for human or drug use. The pharmacological and toxicological properties of this product have not been fully investigated. Use caution when handling. Do not use this compound if you are not fully trained or are unaware of the hazards involved.

Verified by: KLS