



CERTIFICATE of ANALYSIS

PRODUCT: **Cyclopamine**
From *Veratrum californicum*
C₂₇H₄₁NO₂, M.W. 411.62, CAS# [4449-51-8]

PRODUCT NUMBER: C-1405

LOT NUMBER: B1821

APPEARANCE: White powder

SOLUBILITY: DMSO/methanol: Clear colorless solution at 5 mg/ml.

PURITY (TLC): > 99% (NP, EtOAc, MeOH, CH₂Cl₂ 8:1:1)
> 99% (RP C18, MeOH, H₂O 9:1)
**Detection: Spray with H₂SO₄ and heat*

MELTING POINT: 227-230°C

STORAGE & HANDLING: Store at -20°C. **PROTECT FROM LIGHT!**
WARNING: HARMFUL! MAY BE TERATOGENIC!

CAUTION: For research 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: DD