

FERMENTEK Ltd.

25 Yaziv st, POB 47120 Jerusalem 97800, Israel
Tel: +972 2 5853953 Fax: +972 2 5853943
eMail: sales@fermentek.com Website: www.fermentek.co.il



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CERTIFICATE OF ANALYSIS

Apicidin

From *Fusarium* sp.

$C_{34}H_{49}N_5O_6$

M.W. 623.78

CAS [183506-66-3]

Lot # AC001

Appearance: White powder

Solubility: Clear colorless solution at 1mg/ml EtOH, DMSO.

TLC (NP, ETOAC 100%): >99%

(RP C18, MeOH: H2O 9:1): >99%

Visualized: H2SO4 + Heat and UV long

HPLC: (RP C18, Solvent A: CH3CN, Solvent B: 0.1% TFA,

Gradient: A:B 4:6 \Rightarrow A:B 6:4 in 15 min. 290nm, Flow rate: 1.5 ml): 100%

Melting point: 190°C

Yosef Behrend Ph.D