



# FERMENTEK Ltd.

25 Yatziv st, POB 47120  
Jerusalem 97800, Israel  
Tel: +972 2 5853953  
Fax: +972 2 5853943

eMail: [sales@fermentek.com](mailto:sales@fermentek.com)  
Website: [www.fermentek.co.il](http://www.fermentek.co.il)



## CERTIFICATE OF ANALYSIS

<b>Product Name</b>	<b>Verruculogen</b>
	<b>From Penicillium simplicissimum</b>
<b>Molecular Formula</b>	<b>C<sub>27</sub>H<sub>33</sub>N<sub>3</sub>O<sub>7</sub></b>
<b>Molecular Weight</b>	<b>511.6</b>
<b>CAS Number</b>	<b>12771-72-1</b>
<b>Lot Number</b>	<b>VER004</b>

Test	Results
Appearance	White powder
Solubility*	ETOAC: Clear colorless solution at 10mg/ml
TLC (NP, DCM: methanol 9:1)	>98%
TLC (RP C18, methanol, H <sub>2</sub> O 9: 1)	>98%
Detection: Spray with H <sub>2</sub> SO <sub>4</sub> and heat	
HPLC (RP C18, H <sub>2</sub> O: acetonitrile 40: 60 277nm, flow 2ml/min)	97.3%
Melting point	229-230°C

\*Verruculogen may be soluble in other solvents.

Expiration Date: April 2016

April 23, 2013

Yosef Behrend Ph.D