



FERMENTEK Ltd.

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

eMail: sales@fermentek.com
Website: www.fermentek.co.il



CERTIFICATE OF ANALYSIS

Product Name	Thapsigargin
Source	From Thapsia garganica
Molecular Formula	C₃₄H₅₀O₁₂
Molecular Weight	650.8
CAS Number	67526-95-8
Lot Number	TH019A

Test	Results
Appearance	Colorless film
Solubility*	CH₃CN: Clear colorless solution at 10mg/ml
TLC (NP, ETOAC, petroleum ether 1:1)	99%
TLC (NP, CH₂Cl₂, methanol 95:5)	99%
TLC (RP C18, acetonitrile: H₂O 85: 15)	99%
Detection: Spray with H₂SO₄ and heat	
HPLC (RP C18, Isocratic, CH₃CN: TFA 0.1% 50:50, 232nm)	99.68%

*Thapsigargin may be soluble in other solvents.

Expiration date: March 2018

March 18, 2015

Yosef Behrend Ph.D