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## CERTIFICATE OF ANALYSIS

<b>Product Name</b>	<b>Alternariol</b>
<b>Source</b>	<b>From Alternaria sp.</b>
<b>Molecular Formula</b>	<b>C<sub>14</sub>H<sub>10</sub>O<sub>5</sub></b>
<b>Molecular Weight</b>	<b>258.23</b>
<b>CAS Number</b>	<b>641-38-3</b>
<b>Lot Number</b>	<b>AL001</b>

Test	Results
Appearance	Off-white powder
Solubility*	CH <sub>2</sub> Cl <sub>2</sub> : Clear colorless solution at 10mg/ml
TLC(NP, toluene, ETOAC, acetate 6:3:1)	99%
TLC (NP, CH <sub>2</sub> Cl <sub>2</sub> , methanol 9:1)	98%
TLC (RP C18, methanol: H <sub>2</sub> O 9: 1)	99%
Detection: Spray with H <sub>2</sub> SO <sub>4</sub> and heat	
Elemental analysis	C: 64.29% (65.10%) H: 4.07% (3.91%)
Lambda max	(Methanol) 256, 340nm

\*Alternariol may be soluble in other solvents.

Expiration date: September 2012

September 7, 2009

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Yosef Behrend Ph.D.