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## CERTIFICATE OF ANALYSIS

<b>Product Name</b>	<b>Trichostatin A</b>
<b>Source</b>	<b>From Streptomyces platensis</b>
<b>Molecular Formula</b>	<b>C<sub>17</sub>H<sub>22</sub>N<sub>2</sub>O<sub>3</sub></b>
<b>Molecular Weight</b>	<b>302.4</b>
<b>CAS Number</b>	<b>58880-19-6</b>
<b>Lot Number</b>	<b>TR024A</b>

Test	Results
<b>Appearance</b>	<b>Off White powder</b>
<b>Solubility*</b>	<b>DMSO/methanol: Clear colorless solution at 5mg/ml</b>
<b>TLC (NP, CH<sub>2</sub>Cl<sub>2</sub>, methanol 9:1)</b>	<b>&gt;99%</b>
<b>TLC (RP C18, methanol, H<sub>2</sub>O 9:1)</b>	<b>&gt;99%</b>
<b>Detection: Spray with H<sub>2</sub>SO<sub>4</sub> and heat</b>	
<b>HPLC</b>	<b>99.9%</b>
<b>Melting point</b>	<b>152°C</b>

\*Trichostatin A may be soluble in other solvents.

Expiration date: July 2017

July 5, 2014

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**Yosef Behrend Ph.D**