



CERTIFICATE OF ANALYSIS

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|---|--|
| Product Name | Sterigmatocystin |
| Source | From Aspergillus versicolor |
| Molecular Formula | C ₁₈ H ₁₂ O ₆ |
| Molecular Weight | 324.3 |
| CAS Number | 10048-13-2 |
| Lot Number | STR014A |
| Test | Results |
| Appearance | Light yellow needles |
| Solubility* | Acetone: Clear colorless solution at 5mg/ml |
| TLC (NP, CH ₂ Cl ₂ , acetone 98:2) | >99% |
| TLC (RP C18, Methanol: H ₂ O 9:1) | >99% |
| TLC (NP, Petrol Ether; Ethyl Acetate 70:30) | >99% |
| Detection: Spray with H ₂ SO ₄ and heat | |
| HPLC | 100% |
| Melting point | 242-245°C |

*Sterigmatocystin may be soluble in other solvents.

Expiration date: March 2018

March 25, 2015

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