



# Certificate of Analysis

Catalog Number: TS-353  
Lot Number: 180621-255  
Toxin: Neosolaniol, Diacetoxyscirpenol, HT-2 Toxin, T-2 Toxin  
Quantity: 5.0 mL  
Concentration or Concentration after reconstitution: 10.0µg/mL of each:  
Neosolaniol, Diacetoxyscirpenol, HT-2 Toxin, T-2 Toxin

Reconstitution if applicable: To reconstitute use a volumetric pipette to accurately pipette 5.0 mL of Acetonitrile into each standard vial. Cap tightly and vortex (mix) for at least 30 seconds.

Solvent: Acetonitrile

Storage: 8°C or lower

Date of Manufacturing: June 21, 2018

Date of Expiration: 12 months before reconstitution from certificate date (see below) and 6 months after reconstitution.

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Purity: ≥ 98%

Traceability: All components used in production of this standard can be tracked back to their source for each batch produced, allowing full product traceability.

Testing Method: LC MS/MS

Standard Uncertainty (µg/mL):

Neosolaniol:	±0.22	DAS:	±0.22
HT-2 Toxin:	±0.22	T-2 Toxin:	±0.22

Product Specification (µg/mL): (9.0-11.0) of each: Neosolaniol, Diacetoxyscirpenol, HT-2 Toxin, T-2 Toxin:

Results (µg/mL):

Neosolaniol:	9.9	DAS:	10.0
HT-2 Toxin:	9.7	T-2 Toxin:	9.7

This is to certify that Tricothecenes standard Lot number 180621-255 passes the required specifications and is released for sale.

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Craig Humphrey – Chemistry Production Manager  
September 12, 2018