



Certificate of Analysis

Catalog Number: TSL-307
Lot Number: 160210-272
Toxin: 3-Acetyl DON, 15-Acetyl DON, F-X, DON, Nivalenol, Neosolaniol, Diacetoxyscirpenol, HT-2 Toxin, T-2 Toxin
Quantity: 2.0 ml
Concentration or Concentration after reconstitution: 100.0µg/ml of each:
3-Acetyl DON, 15-Acetyl DON, F-X, DON, Nivalenol, Neosolaniol, Diacetoxyscirpenol, HT-2 Toxin, T-2 Toxin
Reconstitution if applicable: N/A
Solvent: Acetonitrile
Storage: 8°C or lower
Date of Manufacturing: February 10, 2016
Expiration: 1 year from certificate date (see below).

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):

3-Acetyl DON:	±2.24	15-Acetyl DON:	±2.24	DON:	±2.24
Nivalenol:	±2.24	Neosolaniol:	±2.24	DAS:	±2.24
HT-2 Toxin:	±2.24	T-2 Toxin:	±2.24	F-X:	±2.24

Product Specification: 3-Acetyl DON, 15-Acetyl DON, F-X, DON, Nivalenol, Neosolaniol, Diacetoxyscirpenol, HT-2 Toxin, T-2 Toxin: (90µg/ml-110µg/ml)

Results (µg/ml):

3-Acetyl DON:	96.0	15-Acetyl DON:	97.8	DON:	98.6
Nivalenol:	99.0	Neosolaniol:	94.1	DAS:	99.4
HT-2 Toxin:	100.4	T-2 Toxins:	100.8	F-X:	102.9

This is to certify that Trichothecene standard Lot number 160210-272 passes the required specifications and is released for sale.

Carrie Maune – Quality Manager
September 28, 2016

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REVISION HISTORY

REVISED DATE	REVISED BY	CHANGES MADE
5/11/10	DANIELLE GANT	ORIGINAL DOCUMENT
6/24/10	Danielle Gant	Added page number and code
1/13/11	Danielle Grimes	Corrected Code Number
9/26/2011	Danielle Grimes	Added paginated numbers

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