



# Certificate of Analysis

**Catalog Number:** TS-307  
**Lot Number:** 160210-279  
**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:  
Acetyl DON, 15-Acetyl DON, F-X, DON, Nivalenol, Neosolaniol, Diacetoxyscirpenol, HT-2 Toxin, T-2 Toxin  
**Reconstitution if applicable:** To reconstitute use a volumetric pipette to accurately pipette 2.0 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:** February 10, 2016  
**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):**

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 160210-279 passes the required specifications and is released for sale.

*Carrie Maune*

Carrie Maune – Quality Manager  
Date: October 5, 2016

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REVISION HISTORY

<b>REVISED DATE</b>	<b>REVISED BY</b>	<b>CHANGES MADE</b>
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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