



Certificate of Analysis

Catalog Number: TS-307
Lot Number: 160825-116
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: 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: August 25, 2016
Expiration: 12 months before reconstitution from certificate date (see below) and 6 months after reconstitution

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

Results (µg/mL):

3-Acetyl DON:	96.6	15-Acetyl DON:	97.4	DON:	102.7
Nivalenol:	99.0	Neosolaniol:	100.5	DAS:	97.4
HT-2 Toxin:	96.2	T-2 Toxins:	97.9	F-X:	98.5

This is to certify that Trichothecene standard Lot number 160825-116 passes the required specifications and is released for sale.

Craig Humphrey – Chemistry Production Manager
April 26, 2017