



Certificate of Analysis

Catalog Number: TSL-307
Lot Number: 160825-130
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: August 25, 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 (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: 97.3	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 160825-130 passes the required specifications and is released for sale.

Craig Humphrey – Chemistry Production Manager
May 10, 2017