



# Certificate of Analysis

Catalog Number: TS-343  
Lot Number: 180516-243  
Toxin: 15 Acetyl DON  
Quantity: 5.0 mL  
Concentration or Concentration after reconstitution: 100.0µg/mL  
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: May 16, 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: UV Spectroscopy  
Testing Equipment Conditions: HP 8452A Diode Array Spectrophotometer  
Solvent: Methanol  
Wavelength: 221nm  
Extinction Coefficient: 6836  
Molecular Weight: 338.4  
Standard Uncertainty (µg/mL): ±2.24  
Product Specification (µg/mL): (90-110)  
Results (µg/mL): 98.8

This is to certify that 15 Acetyl DON standard Lot number 180516-243 passes the required specifications and is released for sale.

Craig Humphrey – Chemistry Production Manager  
August 31, 2018