



Certificate of Analysis

Catalog Number: TS-317
Lot Number: 180612-239
Toxin: Deoxynivalenol
Quantity: 10.0 mL
Concentration or Concentration after reconstitution: 100.0 µg/mL
Reconstitution if applicable: To reconstitute use a volumetric pipette to accurately pipette 10.0 mL of Methanol into each standard vial. Cap tightly and vortex (mix) for at least 30 seconds.
Solvent: Methanol
Storage: 8°C or lower
Date of Manufacturing: June 12, 2018
Date of 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: UV Spectroscopy
Testing Equipment Conditions: HP 8452A Diode Array Spectrophotometer
Solvent: Methanol
Wavelength: 219 nm
E Value: 6208
Standard Uncertainty (µg/mL): ±2.24
Product Specification (µg/mL): 90-110
Results (µg/mL): 98.3

This is to certify that DON standard Lot number 180612-239 passes the required specifications and is released for sale.

Craig Humphrey – Chemistry Production Manager
August 27, 2018