



Certificate of Analysis

Catalog Number: TS-344
Lot Number: 180425-248
Toxin: Nivalenol
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 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: April 25, 2018
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 @219nm in Methanol
Extinction Coefficient: 6300
Molecular Weight: 317.33
Standard Uncertainty (µg/mL): ±2.24
Product Specification (µg/mL): 90-110
Results (µg/mL): 99.0

This is to certify that Nivalenol standard Lot number 180425-248 passes the required specifications and is released for sale.

Craig Humphrey – Chemistry Production Manager
September 5, 2018