



Certificate of Analysis

Catalog Number: TS-344
Lot Number: 160614-335
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: June 14, 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: 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: 90-110µg/ml
Results (µg/ml): 98.0µg/ml

This is to certify that Nivalenol standard Lot number 160614-335 passes the required specifications and is released for sale.

Carrie Maune

Carrie Maune – Quality Manager
November 30, 2016

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REVISION HISTORY

REVISED DATE	REVISED BY	CHANGES MADE
5/11/10	DANIELLE GANT	ORIGINAL DOCUMENT
6/24/10	Danielle Gant	Added page number and code
1/13/11	Danielle Grimes	Corrected Code Number
9/26/2011	Danielle Grimes	Added paginated numbers

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