



Certificate of Analysis

Catalog Number: TS-202
Lot Number: 161208-046
Toxin: Fumonisin B1 & Fumonisin B2
Quantity: 2.0 mL
Concentration or Concentration after reconstitution: Fumonisin B1: 100.0µg/mL
Fumonisin B2: 30.0µg/mL

Reconstitution if applicable: To reconstitute use a volumetric pipette to accurately pipette 2.0 mL of 50/50 Acetonitrile/Water into each standard vial. Cap tightly and vortex (mix) for at least 30 seconds.

Solvent: 50/50 Acetonitrile/Water

Storage: 8°C or lower

Date of Manufacturing: December 8, 2016

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: LC MS/MS

Standard Uncertainty (µg/mL): Fumonisin B1: ±2.24 Fumonisin B2: ±0.672

Product Specification (µg/mL): Fumonisin B1: 90-110 Fumonisin B2: 25-35

Results (µg/mL): Fumonisin B1: 108.3 Fumonisin B2: 28.3

This is to certify that Fumonisin standard Lot number 161208-046 passes the required specifications and is released for sale.

Craig Humphrey – Chemistry Production Manager
February 15, 2017