



Certificate of Analysis

Catalog Number: TS-106
Lot Number: 170123-137
Toxin: Aflatoxin G1
Quantity: 10.0 mL
Concentration or Concentration after reconstitution: 25.0µg/mL
Reconstitution if applicable: To reconstitute use a volumetric pipette to accurately pipette 10.0 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: January 23, 2017
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: Solvent: Acetonitrile
Wavelength: 356 nm
E Value: 18100
Standard Uncertainty (µg/mL): Aflatoxin G1: ± 0.56
Product Specification (µg/mL): Aflatoxin G1: (22.5-27.5)
Results (µg/mL): Aflatoxin G1: 24.5

This is to certify that Aflatoxin G1 standard Lot number 170123-137 passes the required specifications and is released for sale.

Craig Humphrey – Chemistry Production Manager
May 17, 2017