



# Certificate of Analysis

Catalog Number: TS-106  
Lot Number: 170504-221  
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: May 4, 2017  
Date of Expiration: 12 months before reconstitution from certificate date (see below) and 6 months after reconstitution

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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: 24.7

This is to certify that Aflatoxin G1 standard Lot number 170504-221 passes the required specifications and is released for sale.

Craig Humphrey – Chemistry Production Manager  
August 9, 2017