



# Certificate of Analysis

Catalog Number: TS-130  
Lot Number: 170404-228  
Toxin: Aflatoxin M1  
Quantity: 2.0 mL  
Concentration or Concentration after reconstitution: 1.0 µg/mL  
Reconstitution if applicable: To reconstitute use a volumetric pipette to accurately pipette 2.0 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: April 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: 350 nm  
E Value: 19850  
Standard Uncertainty (µg/mL): Aflatoxin M1: ± 0.04  
Product Specification (µg/mL): Aflatoxin M1: (0.95-1.05)  
Results (µg/mL): Aflatoxin M1: 0.96

This is to certify that Aflatoxin M1 standard Lot number 170404-228 passes the required specifications and is released for sale.

Craig Humphrey – Chemistry Production Manager  
August 16, 2017