



659 Andover Street  
Lawrence, MA 01843-1032, USA  
Tel: 1.978.687.9200 Fax: 1.978.687.9216

## CERTIFICATE OF ANALYSIS

PRODUCT: 10.0 ml 0.050 ug/kg ( $50 \pm 3$  ppt) Aflatoxin M1 Standard

LOT NUMBER: AMMRL10-025

EXPIRATION DATE: December 2020


ORDER CODE: LF-AMMRL, LF-AMMRL-5

DESCRIPTION: Contains  $0.5175 \pm 0.0225$  ng freeze dried aflatoxin M1 manufactured from Supelco reference standard "...specifically designed for use according to the Official Methods of the Association of Official Analytical Chemists (AOAC). (Supelco) test all products by spectroscopy and/or HPLC against known standards and previous lots to ensure precision and uniformity, assuring that you are obtaining the finest mycotoxin standards available". Aflatoxin M1, 10 ug/ml, catalog number 46319-U. Spectrophotometric analysis is used to confirm the concentration and purity of the production stock solution to within 1%.  
Finished product quality control approval is based on the Charm II Tests for Aflatoxins in Milk and the Charm ROSA MRL Aflatoxin Test for Milk testing within acceptable variation from a previously manufactured control standard. Shelf life prediction, heat stress and frozen stability studies are performed to verify operator's manual claims.

PREPARATION: See operator's manual.

STORAGE: See operator's manual.

PREPARED BY: Sam Atoui

SIGNATURE: 

TITLE: Quality Assurance Documentation Manager

DATE: 08/26/2019

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