



# Certificate of Analysis

**Catalog Number:** TSL-314  
**Lot Number:** 140702- 337  
**Toxin:** T-2 Toxin  
**Quantity:** 5.0 ml  
**Concentration or  
Concentration after reconstitution:** 100.0µg/ml of T-2 Toxin  
**Reconstitution if applicable:** N/A  
**Solvent:** Acetonitrile  
**Storage:** 8°C or lower  
**Date of Manufacturing** July 2, 2014  
**Date of Expiration:** 1year from certificate date (see below).

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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:** GC

**Testing Equipment Conditions:** Column: Restek XT1-5 (5% diphenyl-95% dimethyl polysiloxane) 30 meter, id 0.25 mm, film thickness 0.25 µm.

GC Program: 80 degrees C for 1 minute, 80 to 140 at 30 degrees C/min, 140 to 280 at 5 degrees C/min, hold for 10 minutes, Helium carrier @ 1.5 ml/min @ 17 psi head pressure.

Injection port: Splitless at 210 degree C. (purge set off than on after 0.7 minutes)

Detector: ECD at 300 degree C. with Nitrogen as makeup gas.

**Standard Uncertainty (µg/ml):** T-2 Toxin: ±2.24

**Product Specification:** T-2 Toxin: (90.0µg/ml-110.0µg/ml)

**Results (µg/ml):** T-2 Toxin: 95.2µg/ml

This is to certify that T-2 Toxin standard Lot number 140702- 337 passes the required specifications and is released for sale.

Carrie Maune – Quality Manager

December 3, 2014

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REVISION HISTORY

<b>REVISED DATE</b>	<b>REVISED BY</b>	<b>CHANGES MADE</b>
5/11/10	DANIELLE GANT	ORIGINAL DOCUMENT
6/24/10	Danielle Gant	Added page number and code
1/13/11	Danielle Grimes	Corrected Code Number
9/26/2011	Danielle Grimes	Added paginated numbers

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