

## OTSC – Texas A&M AgriLife Research: 2019 Aflatoxin Proficiency Testing and Control [pt.tamu.edu](http://pt.tamu.edu)

The Office of the Texas State Chemist (OTSC) – Texas A&M AgriLife Research announces year 4 of its global Aflatoxin Proficiency Testing (PT) and Control Program in maize. Participation in a PT program can improve overall testing accuracy in your laboratory and is a requirement for ISO/IEC 17025 Accreditation.

### *About the Program*

The program includes the mailing of a 100+ g sample twice a year. For each round, participants are expected to analyze duplicate 50 g portions, and report both results to OTSC via our web portal.

Eligible participants include grain milling and grain handling firms, feed manufacturing industry, government laboratories and educational institutions. The total number of participants is limited to 300 participants.

### *About the Samples*

The maize samples contain naturally occurring aflatoxin and are analyzed using high performance liquid chromatography for aflatoxin B1, B2, G1, and G2 by OTSC. The program uses the OTSC results as the assigned value and a calculated relative standard deviation using the Horwitz function for the purposes of calculating the z-score.

### *Shipping Dates*

*Round 1, Shipping date, January 14, 2019 | Reporting date, March 25, 2019*

*Round 2, Shipping date, July 22, 2019 | Reporting date, October 7, 2019*

The Office of the Texas State Chemist is ISO/IEC 17025 accredited for aflatoxin analysis using this procedure and ISO/IEC 17043 and ISO 17034 accredited for conducting proficiency testing and producing reference material, respectively.

### *Contact Information*

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