



Quality Control Materials

Romer Labs Quality Control Materials (QCM) are corn and wheat materials that are naturally contaminated with a variety of mycotoxins, available at different contamination levels.

Ensuring precision and reliability in mycotoxin analysis

Quality Control Materials are ideal for validating methods, conducting periodic accuracy checks of accredited analytical methods, and serving as positive control materials in various assays. Each batch is rigorously characterized using an ISO 17025 accredited LC-MS/MS method. Certificates of analysis are provided with every batch to ensure the highest quality and accuracy.

Wide range of toxins for comprehensive analysis

Romer Labs QCMs are available for a broad spectrum of mycotoxins, including total aflatoxin, deoxynivalenol, fumonisin, zearalenone, T-2, and HT-2 toxins. These are offered either as single or multi-toxin materials to meet diverse testing needs.



Features and Benefits

Naturally contaminated materials

A realistic testing matrix enhances the accuracy of mycotoxin testing.

ISO 17025 accredited LC-MS/MS characterization

Ensures reliable quality through rigorous testing and characterization of each batch.

Stability and homogeneity tested materials

Promotes uniform and dependable test results by ensuring consistent composition and stability over time, thus reducing potential errors and variability in testing.



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The materials are packaged either into stable amber plastic bottles with a tamper-proof cap or in resealable foil pouches in amounts of 100 g each.

Ordering Information

Material	Concentration [$\mu\text{g/kg}$]	Item No.
Blank		
Blank wheat	< Limit of Detection	10003611
Aflatoxin		
Aflatoxins in corn, low level	Afla B1: $4.8 \pm 1.9 \mu\text{g/kg}$ Afla B2: $< 1 \mu\text{g/kg}$ Afla G1: $< 1 \mu\text{g/kg}$ Afla G2: $< 1 \mu\text{g/kg}$	10007113
Deoxynivalenol		
Deoxynivalenol in corn, high level	$2000 \pm 600 \mu\text{g/kg}$	10007115
Zearalenone		
Zearalenone in corn, low level	$62 \pm 17 \mu\text{g/kg}$	10003624
Multitoxin		
Afla, DON, ZON and FUM in corn, mid level	Aflatoxins: $6.0 \pm 2.5 \mu\text{g/kg}$ Deoxynivalenol: $900 \pm 200 \mu\text{g/kg}$ Fumonisin: $2600 \pm 600 \mu\text{g/kg}$ Zearalenone: $103.4 \pm 37.5 \mu\text{g/kg}$	10007114
DON, T-2/HT-2 and OTA in wheat, low level	Deoxynivalenol: $1000 \pm 300 \mu\text{g/kg}$ T-2 toxin: $35.2 \pm 16.3 \mu\text{g/kg}$ HT-2 toxin: $38.0 \pm 12.7 \mu\text{g/kg}$ Ochratoxin A: $6.0 \pm 3 \mu\text{g/kg}$	10007116

Note: These products represent naturally contaminated materials and have a limited supply.
Subsequent product batches might have slightly different concentrations.