

QUANTUM MYCOTOXINS



QUANTUM GREEN SERIES

Quantum mycotoxin testing with negative results from just 45 seconds.

The **Quantum Green Series** simplifies mycotoxin testing with Green Extraction, a unified protocol and reader-supported quantitative analysis. From sample preparation to result interpretation, every step is designed to be simple to follow, requiring no complex protocols or specialized equipment.



Green Extraction

Eco-Friendly.
No organic solvents.



Fast Negative Results

Available within
30-120 seconds.



Quantum Read

Intelligent dual-scan
system.



- ✓ Quantum Read Technology : **Walk-away results**
- ✓ Total Test Time: up to **4 minutes**
- ✓ **Common Extraction** Protocol
- ✓ **Ready-to-use** Extraction Powder Pouch
- ✓ Unified Testing Protocol



Total Green | DON Green | ZON Green
Fumonisin Green | Ochratoxin Green



USDA / FGIS 
Approved

READER & SOFTWARE SYSTEM

Through compatible readers, S-flow software and mobile app connectivity, testing results can move from the cassette to organized documentation and digital sharing.

Reader Options



3PR Mini Reader
Portable result reading.



3PR Quad & 3PR Duo
Multiple walk-away tests simultaneously.
Independent readings.



S-flow Reader
High-Volume testing.

S-Flow Software

One system for results, reports and traceability

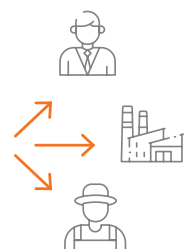
- Results generated in report format
- Traceability across samples, batches and records
- Designed to support connected data management systems



Android Mobile App

From Farm to Cloud

With mobile app connectivity, testing information can move from the testing point across all teams.



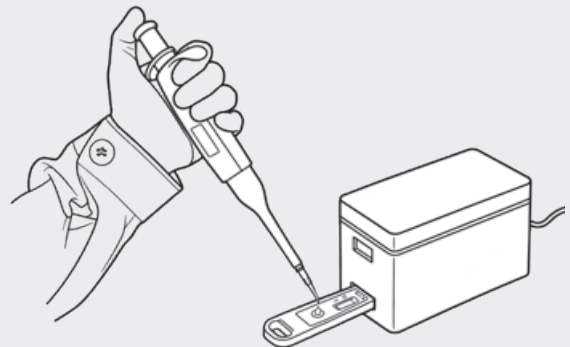
Cassette → Reader → Report → Mobile App → Shared Result

How It Works



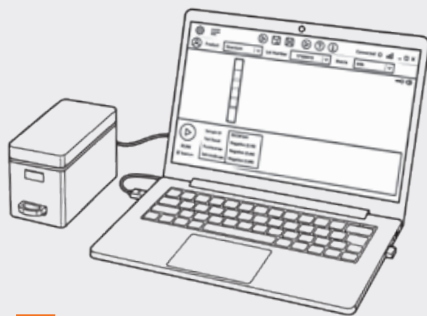
1 Extract

Extract the sample using the Water-Soluble Powder Pouch.



2 Test

Apply the prepared sample to the cassette.



3 Read

Select the Reader and use S-Flow Software for quantitative result interpretation.



4 Report & Share

Support traceability and share.

Product Range



Quantum Fumonisin Green USDA	G7018/G7040	LOD: 0.17 ppm Range: 0.25-5 ppm
Quantum Ochratoxin Green USDA	G6018/G6040	LOD: 1ppb Range: 1.5-30 ppb
Quantum ZON Green USDA	G5018/G5040	LOD: 23 ppb Range: 35-500 ppb
Quantum Total Green USDA	G3418/G3440	LOD: 1.4ppb Range: 2-30 ppb
Quantum T2-HT2 Green	G8018/G8040	LOD: 20 ppb Range: 30-400 ppb
Quantum DON Green USDA	G4018/G4040	LOD: 0.1 ppm Range: 0.15-5 ppm
Quantum DON W.E. USDA	G4118/G4140	LOD: 0.1 ppm Range: 0.15-5 ppm