

**GIPSA APPROVED
COMMODITIES:**

Barley
Malted Barley
Wheat

ROSA[®] Ochratoxin Grain

**Quantitative Lateral Flow Test
for Ochratoxin A in Grain**


...Now with USDA approval

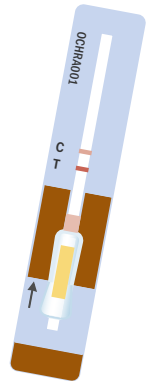


Charm ROSA[®] Ochratoxin* A Grain Test

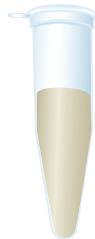
The first Rapid One Step Assay for Ochratoxin A ...in grain

The ROSA Ochratoxin (Quantitative) test is a lateral flow immunoassay. Ochratoxin A is extracted from a sample using 70% methanol. The extracted sample interacts with colored beads and the intensity of color in the test zone is read as parts per billion ochratoxin A by the ROSA-M Reader.

- ▶ Lateral Flow strip for Ochratoxin A
- ▶ Sensitivity: 0 – 150 ppb (parts per billion) ochratoxin
- ▶ Limit of Detection (LOD): <1 ppb
- ▶ 70% Methanol Extraction
- ▶ Validated Commodities: Wheat and Barley
- ▶ Same extract may be tested with ROSA Fumonisin, Aflatoxin, and Zearalenone kits
- ▶ No instrument calibration required...
- ▶ Print or download results to any spreadsheet – with ROSA-M Reader
- ▶ Optional  software to track and trend test results



PREPARE
DILUTED EXTRACT



Test Sample

ADD SAMPLE TO STRIP
& INCUBATE 10 MINUTES



ROSA-M Incubator

READ



ROSA-M Reader

* Ochratoxins are a group of closely related metabolites produced by various fungal species of *Aspergillus* and *Penicillium*. Ochratoxin A is the most carcinogenic and the most prevalent ochratoxin.

Certificate of Performance #2008-104



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