



RIDA®QUICK Zearalenon ECO

Art. No. R5506

The new and improved strip test for Zearalenon offers several improvements: aqueous extraction instead of methanol extraction, a lower limit of detection and a much wider detection range. Corn and wheat are validated commodities.

This product will replace RIDA®QUICK Zearalenon RQS (Art. No. R5504) and will be quantitative only.

See the following list for a complete overview:

	RIDA®QUICK Zearalenone RQS Art. No. R5504	RIDA®QUICK Zearalenon ECO Art. No. R5506
Technology	Lateral flow test	
Format	20 test strips	
Extraction solution	Methanol	Aqueous extraction buffer
Universal extraction	–	Extraction possible with RIDA®QUICK Mycotoxin ECO Extractor
Extraction time	5 min	5 min
Amount of sample	Minimum 10 g	Minimum 5g
LoD	approx. 50 ppb	15 ppb (corn) 22.5 ppb (wheat)
LoQ	n/a	40 ppb
Measurement range	50 - 1000 ppb	15 - 500 ppb 500 – 4000 ppb
Incubation time	5 min	5 min
Evaluation	RIDA®SMART APP software (Art. No. ZRSAM) and an approved smartphone or RIDA®SMART APP software (Art. No. ZRSAM) installed on an Android smartphone and the RIDA®SMART BOX (Art. No. ZRSA-SB)	RIDA®SMART APP software (Art. No. ZRSAM) and an approved smartphone or RIDA®SMART APP software (Art. No. ZRSAM) installed on an Android smartphone and the RIDA®SMART BOX (Art. No. ZRSA-SB)
Matrices with launch	Corn Application notes for: barley, corn, corn gluten meal (CGM), dried distillers grains (DDG), oats, rice, rice bran, rye, sorghum, soybean meal, triticale, wheat, wheat bran	Corn and wheat

New

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	RIDA®QUICK Zearalenone RQS Art. No. R5504	RIDA®QUICK Zearalenon ECO Art. No. R5506 New
Sample preparation	Measurement range 1: • Shake sample with methanol • Let settle or centrifuge • Dilute	Measurement range 1: • Shake sample with extraction buffer • Allow to settle • Centrifuge or filtrate Measurement range range 2: • Dilute extract
Test implementation	• Apply dilution to test strip • Incubate for 5 min • Read	• Apply extract/dilution to test strip • Incubate for 5 min • Read

Important:

Always use the latest version of the RIDA®SMART APP software (Art. No. ZRSAM) activated and installed on a compatible smartphone