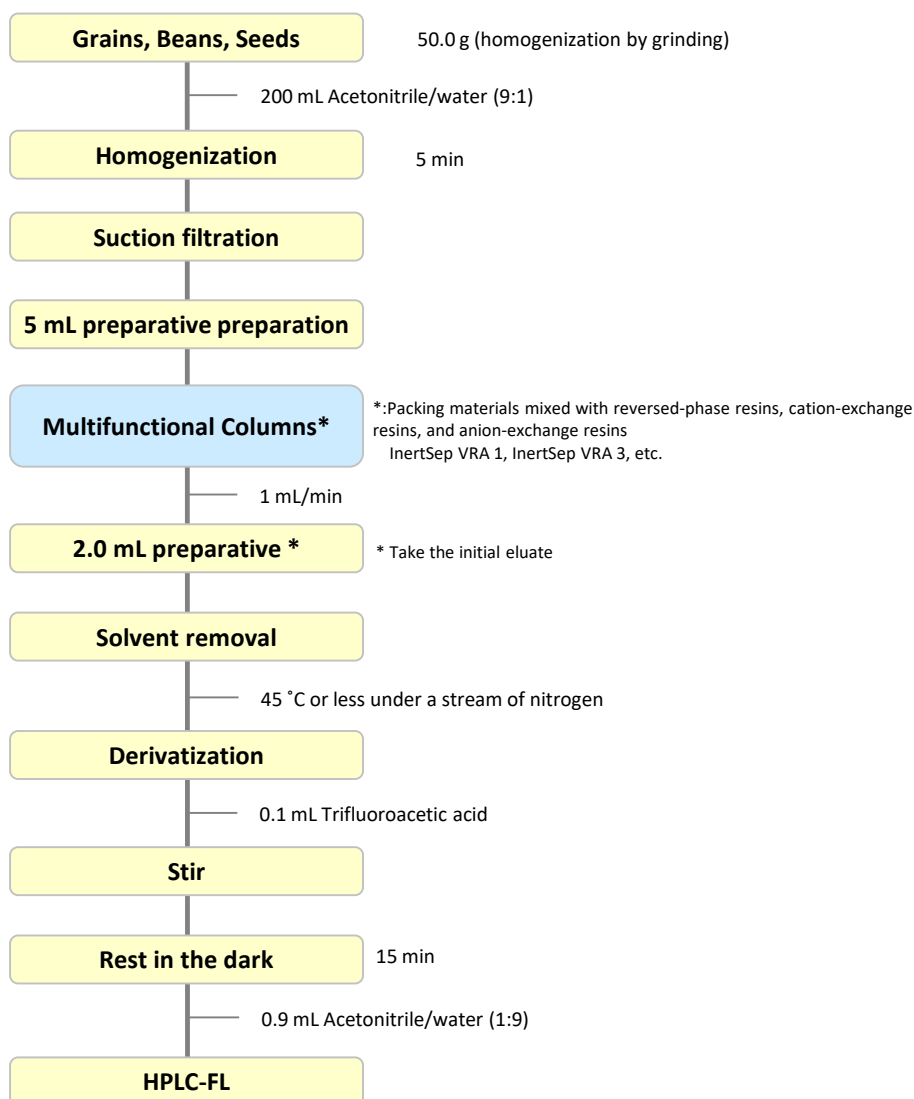


Aflatoxins are mycotoxins produced by molds. HPLC methods are used to analyze them and to reduce the impact of contaminants, pretreatment is required for sample cleanup.

InertSep VRA series for food analysis is a multifunctional Mini-Column (Clean-Up Cartridge) useful for cleanup of mycotoxins and other compounds. VRA-1 is a useful phase for common cereals, and VRA-3 reverse-phase-enriched phase is suited to oil-rich beans.

1. Flow diagram of solid phase pretreatment



Reference: Ministry of Health, Labour and Welfare Food Safety Notification No. 0816-2

2. Products for solid-phase extraction

[InertSep VRAs Series]

This is a multifunctional (multi-function) solid-phase minicolumn dedicated to clean-up processing of organic compounds from high-matrix samples.

Syringe barrel type cartridge

Product name	Detailed	Column Size	Qty.	Cat.No.
InertSep VRA-1	Mixed mode of reversed phase + ion exchange layer	6mL	30 bottles	5010-68140
InertSep VRA-2	Economy version of VRA-1	6mL	30 bottles	5010-68141
InertSep VRA-3	Reversed-phase-enriched form of VRA-1	6mL	30 bottles	5010-68142

[Gravity Flow Manifold]

This is a Free fall manifold that can use multifunctional mini column for aflatoxin pretreatment and 4 mL vial as a receptacle.



Product name	Qty.	Cat.No.
GL-SPE Gravity Flow Manifold	Formula 1	5010-50430
GL-SPE 4 mL vial tray for Gravity Flow Manifold	One unit	5010-50432
Luer stop valve (made of PTFE)	12	5010-60010

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