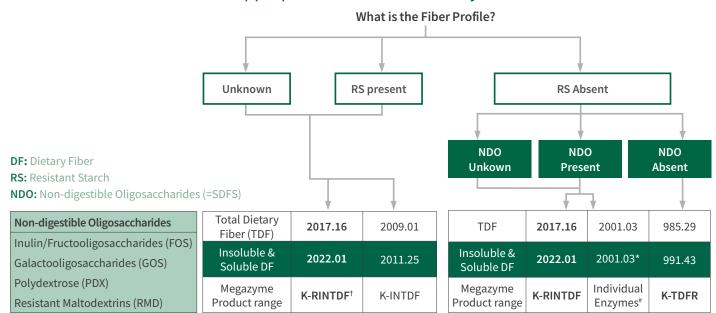


## What components of Dietary Fiber does each method measure accurately?

Target Analytes							
			Soluble DF Dietary Fiber -				
	Megazyme	Total Die			Insoluble DF	Issues	
AOAC Method	Product range	HMWDF	SDFS (NDO)	SDFP	IDF	Underestimated	Overestimated
985.29	- K-TDFR	•				RS <sub>2</sub> , RS <sub>3</sub> NDO not measured	$RS_4$
991.43				•	•		
2009.01	- K-INTDF	•	•			RS <sub>2</sub> , RS <sub>4</sub> , FOS	Resistant maltodextrins artifacts
2011.25			•	•	•		
2017.16	- K-RINTDF	•	•			NONE	NONE
2022.01			•	•	•		

**DF**: Dietary Fiber. **HMWDF**: High Molecular Weight Dietary Fiber. **RS**; Resistant Starch. **IDF**: Water insoluble Dietary Fiber. **SDFP**: Water soluble Dietary Fiber which precipitates in 78% ethanol. **SDFS**: Water soluble Dietary Fiber that remains soluble in 78% ethanol (= NDO).

## Which AOAC method is most appropriate to measure Dietary Fiber?



 $<sup>^{\</sup>scriptscriptstyle \dagger}$  K-RINTDF provides a more accurate measurement for Resistant Starch

Target analytes

<sup>#</sup> E-AMGDFPD, E-BLAAM & E-BSPRPD

<sup>\*</sup> Modification as per AOAC 991.43 to allow for soluble/insoluble DF determination