

Technical Datasheet

Analysis Name: AOAC Official Method 2022.01
Insoluble, Soluble, and Total Dietary Fiber in Foods

Method Number: AOAC 2022.01

Scope of Application: Applicable to plant materials, foods, food ingredients and raw materials consistent with the CODEX Fiber Definition including naturally occurring, isolated, modified, and synthetic polymers meeting the fiber definition. Plant materials include grains, cereals, fruits and vegetables. Not applicable to oily samples.

Description: Enzymatic-gravimetric-liquid chromatographic method for the quantitative determination of Dietary Fibers.

Sample Weight Required: 100 g

Analytical Platform: Ankom Automated Dietary Fiber Analyzer - HPLC

Special Information: Insoluble Fiber, Soluble Fiber and Total Dietary Fiber are the reported analytes.

Analyte Reported	Alias	Unit of Measure	Limit of Quantification	Reproducibility
Insoluble Fiber		g/100 g	0.5	≤ 10%
Soluble Fiber		g/100 g	0.5	≤ 30%
Total Dietary Fiber		g/100 g	0.5	≤ 20%