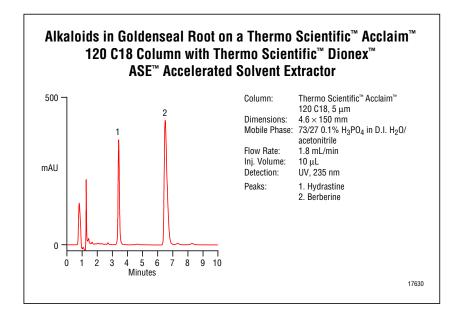


A Thermo Fisher Scientific Brand



Goldenseal root is an ingredient in nutraceutical products. The active principles are alkaloids that can be conveniently extracted using a Dionex ASE Accelerated Solvent Extractor system. The Dionex ASE system uses heat and pressure in a closed cell to perform automated extractions with reduced consumption of time and solvents. Assay by HPLC on an Acclaim 120 C18 column shows a clean separation with sharp, well-formed peaks.