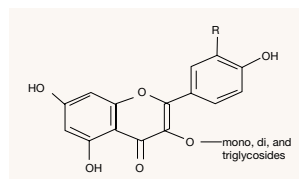
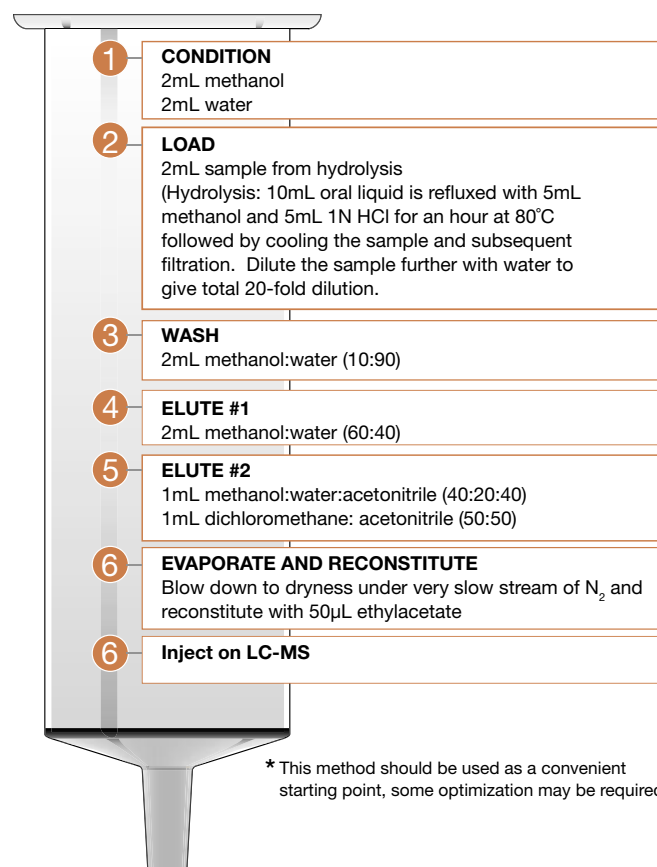
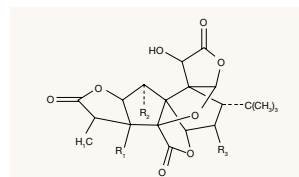


Extraction of Hydrolyzed Ginkgo Oral Suspension II Using strata™ X

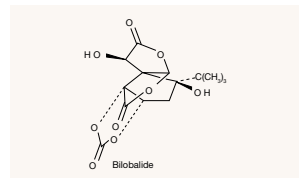
Strata Method* strata™X 60mg/3mL



R	Flavonol glycoside
H	kaempferol derivatives
OH	quercetin derivatives
OCH ₃	isorhamnetin derivatives

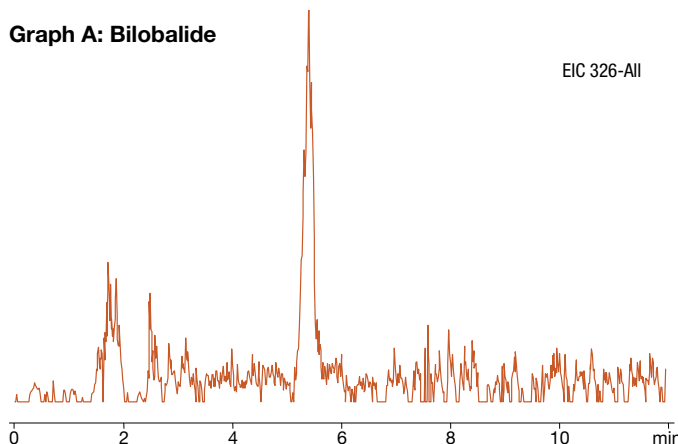


R1	R2	R3	Ginkgolide
OH	H	H	A (GA)
OH	OH	H	B (GB)
OH	OH	OH	C (GC)



Graph A: Bilobalide

EIC 326-AII



Results

Compound	MW	m/z (amu) Icon	Analyte Class	% Recovery (Elute 1)	% Recovery (Elute 2)
Bilobalide	326	325	Terpenoids	0%	82%
Quercetine	302	301	Flavone	0%	86%
Ginkgolide A	408	407	Terpenoids	53%	63%
Ginkgolide B	424	423	Terpenoids	51%	61%
Kaempferol	286	285	Flavone	0%	89%
Isorhamnetin*	316	315	Flavone	0%	0%

* The amount of Isorhamnetin present is very low/almost undetectable in this manufacturer's (Prince of Peace) Ginkgo product.

LC-MS Analysis Conditions:

Column:	Prodigy 5µ, ODS-3, 100Å, 150 X 3.2mm
Order No.	00F-4097-R0-TN
Injection Volume:	20 µL capsule extract
Mobile Phase:	A: 10 mM ammonium acetate pH 7.4; B: acetonitrile
Gradient:	A/B: 70/30 to 50/50 in 8 min, hold for 1 min
Flow Rate:	0.4 mL/min
Scan Range:	200-500 amu; MS-ESI (NI)
MS Instrument:	Bruker Esquire 2000 IT

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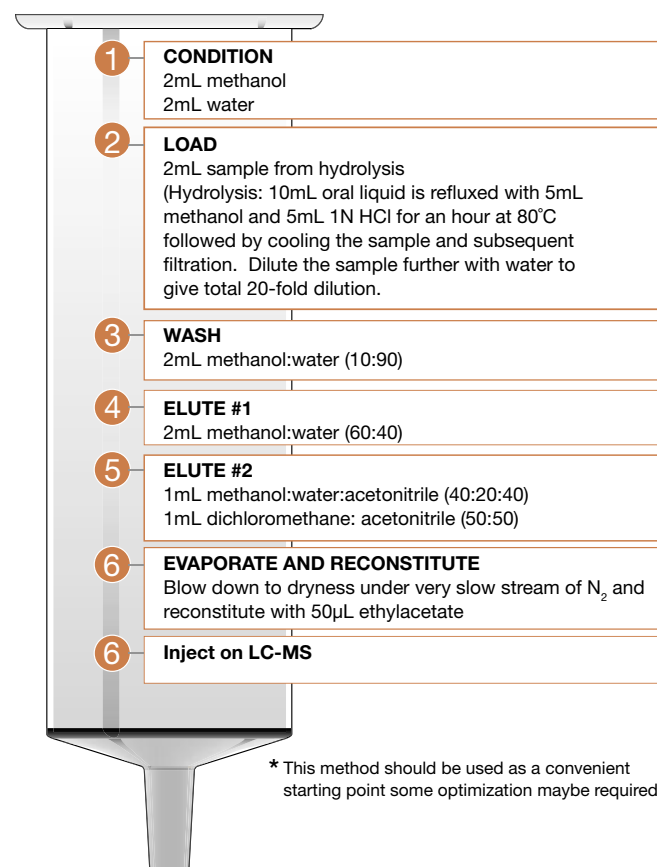
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Extraction of Hydrolyzed Ginkgo Oral Suspension II Using strata™ X

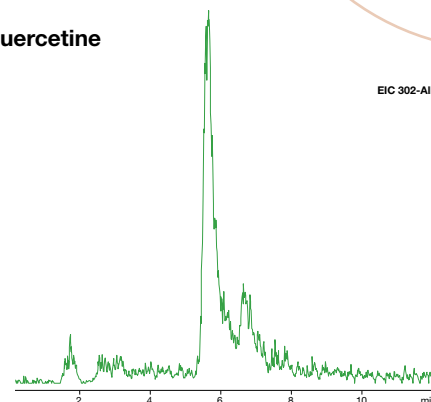
Strata Method* strata™X 60mg/3mL



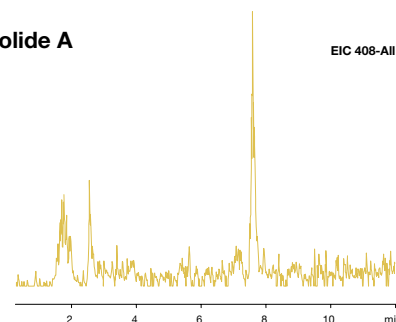
Ordering Information

Order Number	Description
8B-S100-TAK-TN	strata-X 30mg/1mL Tubes (100/Box)
8B-S100-UBJ-TN	strata-X 60mg/3mL Tubes (50/Box)
8B-S100-FBJ-TN	strata-X 200mg/3mL Tubes (50/Box)
8B-S100-HBJ-TN	strata-X 500mg/3mL Tubes (50/Box)
8B-S100-ECH-TN	strata-X 100mg/6mL Tubes (30/Box)
8B-S100-FCH-TN	strata-X 200mg/6mL Tubes (30/Box)
8B-S100-HCH-TN	strata-X 500mg/6mL Tubes (30/Box)
8B-S100-HDG-TN	strata-X 500mg/12mL Giga Tubes (20/Box)
8B-S100-JEG-TN	strata-X 1g/20mL Giga Tubes (20/Box)
8E-S100-NGB-TN	strata-X 96-Well Plate 5mg/well (2/Box)
8E-S100-AGB-TN	strata-X 96-Well Plate 10mg/well (2/Box)
8E-S100-TGB-TN	strata-X 96-Well Plate 30mg/well (2/Box)
8E-S100-UGB-TN	strata-X 96-Well Plate 60mg/well (2/Box)
00M-S033-B0-CB-TN	strata-X 25µm On-Line Extraction Cartridge (each)
CH0-5845-TN	20mm Cartridge Holder (each)

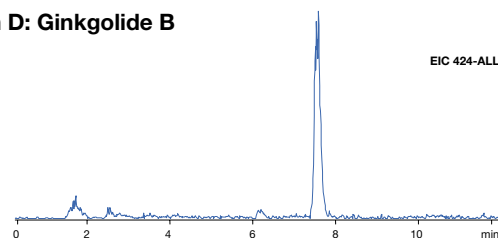
Graph B: Quercetine



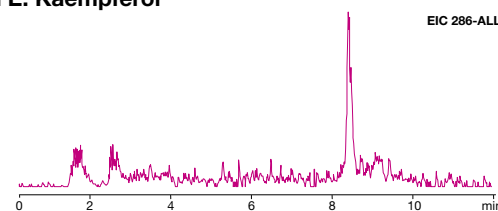
Graph C: Ginkgolide A



Graph D: Ginkgolide B



Graph E: Kaempferol



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