

**INDOFINE Chemical Company, Inc.**

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GINSENOSIDES KIT**020119S****IDENTIFICATION**

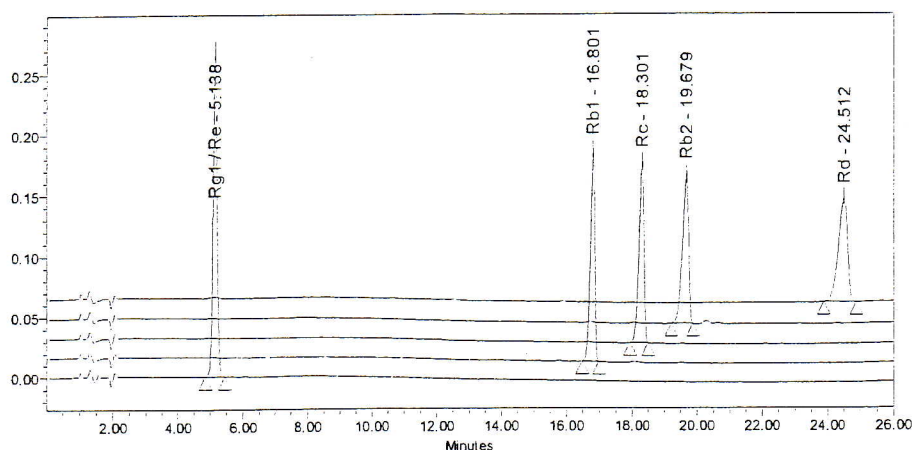
Reference	Name	CAS number	Molecular formula	Molecular weight
0101 S	GINSENOSIDE Rg1	[22427-39-0]	C ₄₂ H ₇₂ O ₁₄	801.03
0102 S	GINSENOSIDE Rd	[52705-93-8]	C ₄₈ H ₈₂ O ₁₈	947.18
0103 S	GINSENOSIDE Re	[52286-59-6]	C ₄₈ H ₈₂ O ₁₈	947.18
0104 S	GINSENOSIDE Rb2	[11021-13-9]	C ₅₃ H ₉₀ O ₂₂	1079.29
0105 S	GINSENOSIDE Rb1	[41753-43-9]	C ₅₄ H ₉₂ O ₂₃	1109.32
0106 S	GINSENOSIDE Rc	[11021-14-0]	C ₅₃ H ₉₀ O ₂₂	1079.29

HIGH PERFORMANCE LIQUID CHROMATOGRAPHY (HPLC)

Column: Symmetry Shield RP18® (4.6 x 150 mm), particle size 3.5 µm Column temperature: 30°C Flow rate: 1 ml/min

Detector: UV visible 200 nm Sample solvent: Mobile phase Solvent: gradient:

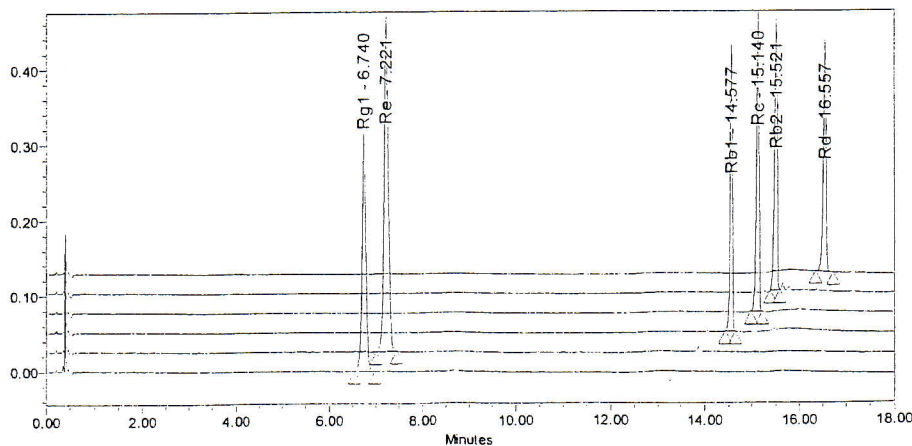
Time (min)	0	5	10	19	26
Water (%)	75	70	68	68	60
Acetonitrile (%)	25	30	32	32	40

**ULTRA PERFORMANCE LIQUID CHROMATOGRAPHY (UPLC)**

Column: BEH Shield RP18® (2.1 x 100 mm), particle size 1.7 µm Column temperature: 50°C Flow rate: 0.7 ml/min

Detector: UV visible 200 nm Sample solvent: Mobile phase Solvent: gradient:

Time (min)	0	7	18
Water (%)	83	80	63
Acetonitrile (%)	17	20	37

**Storage:** Store at room temperature in a dry and dark place. Place in a desiccator under vacuum for 48 hours before use