

CERTIFICATE OF ANALYSIS

Catalog Number: 020105S

Product: **GINSENOSIDE Rb1 with HPLC**

Cas Number: [41753-43-9]

Lot Number: 1704794

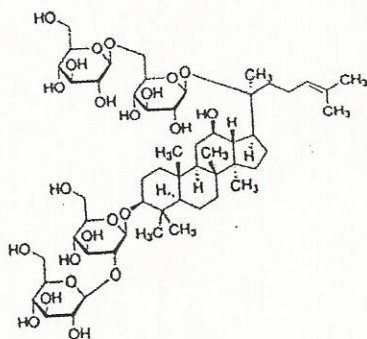
Chemical Formula: $C_{54}H_{92}O_{23}$

Molecular Weight: 1109.3

Appearance: White powder

Storage: This product is stable at ambient temperature for several weeks. However, optimum long-term storage may require lower temperature ($<-18^{\circ}\text{C}$). Place in a desiccator under vacuum before use. Protect from light.

Purity(HPLC): 98.06%





INDOFINE Chemical Company, Inc.

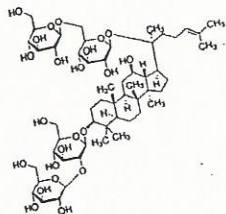
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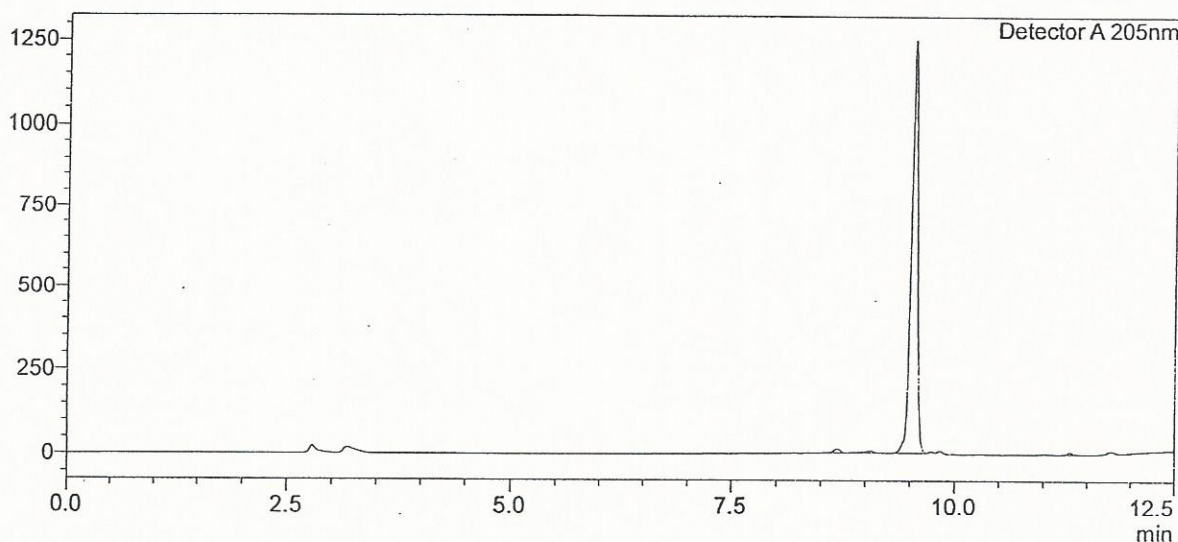
e-mail: chemical@indofinechemical.com

HPLC ANALYSIS



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mV



<Peak Table>

Detector A 205nm

Peak#	Ret. Time	Area	Height	Conc.	Unit	Area%
1	8.677	53236	11432	0.841		0.841
2	9.057	35854	5622	0.566		0.566
3	9.533	6209893	1246495	98.061		98.061
4	11.306	33713	6760	0.532		0.532
Total		6332696	1270309			100.000

<Analysis condition>

InertSustain-C18 column (5 μ m, 4.6 $\times$ 250 mm)

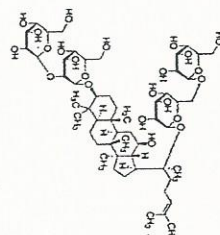
5% $\rightarrow$ 100% Acetonitrile in 0.05% Phosphoric acid H₂O

over 10.0min followed by 100% Acetonitrile to 13 min

1.0 ml/min, 35°C



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