

INDOFINE Chemical Company, Inc.

121 Stryker Lane, Bldg. 30, Suite 1 • Hillsborough, NJ 08844 • U.S.A.

Phone: (908) 359-6778 • FAX: (908) 359-1179

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CERTIFICATE OF ANALYSIS

Catalog Number: 020102S

Product Name: **GINSENOSE** Rd with HPLC

Chemical Family: Saponins

Cas Number: [52705-93-8]

Lot Number: 1603744

Chemical Formula: $C_{48}H_{82}O_{18}$

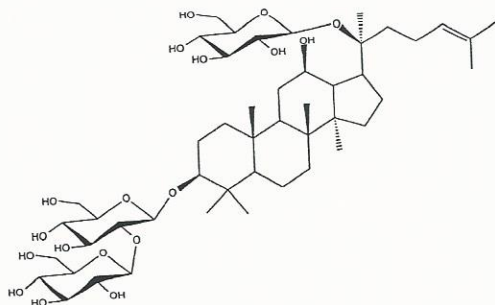
Molecular Weight: 947.17

Appearance: White powder

Loss on drying: 1.4%

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

Purity(HPLC): 99.31%



ICC **INDOFINE Chemical Company, Inc.**

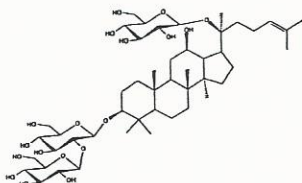
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HPLC ANALYSIS

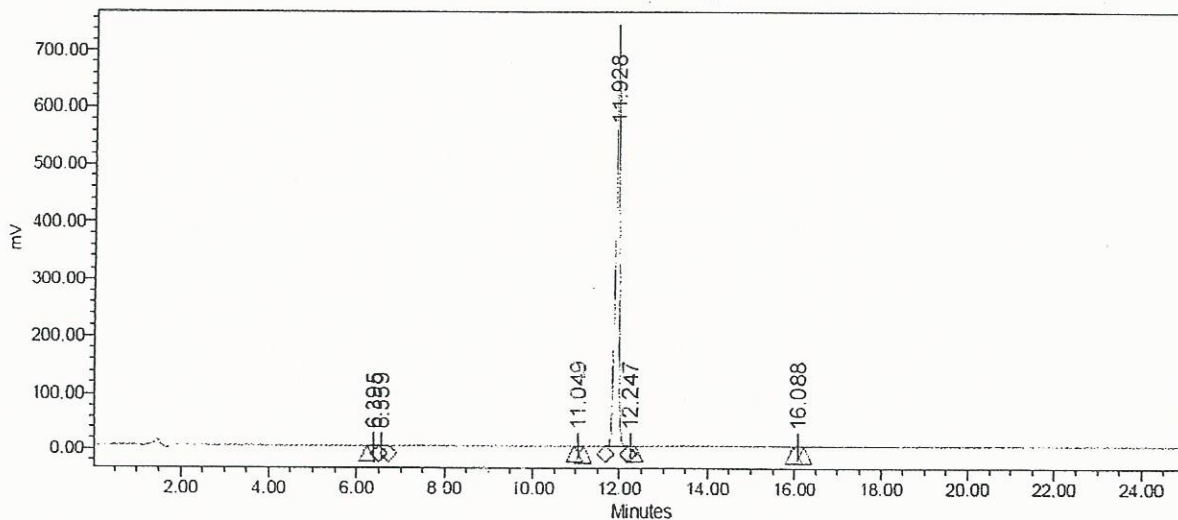


Catalog No.: 020102S
Product Name: Ginsenoside Rd
Lot No.: 1603744

SAMPLE INFORMATION

Sample Name:	Ginsenoside Rd	Acquired By:	System
Sample Type:	Unknown	Sample Set Name:	
Vial:	99	Acq. Method Set:	Ginsenoside Rd
Injection #:	1	Processing Method:	Samples
Injection Volume:	10.00 ul	Channel Name:	SATIN
Run Time:	25.0 Minutes	Proc. Chnl. Descr.:	

Auto-Scaled Chromatogram



Peak Results

Name	RT	Area	% Area	USP Plate Count	USP Resolution
1	6.395	9605	0.21	10106.21	
2	6.559	6114	0.14		
3	11.049	4274	0.09	105289.53	
4	11.928	4490062	99.31	85347.27	5.21
5	12.247	3699	0.08	230454.36	2.17
6	16.088	7466	0.17	141553.14	26.20