



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

website: www.indofinechemical.com

e-mail: chemical@indofinechemical.com

CERTIFICATE OF ANALYSIS

Catalog Number: 020105S

Product: **GINSENOSIDE Rb1 with HPLC**

Cas Number: [41753-43-9]

Lot Number: 1909325

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

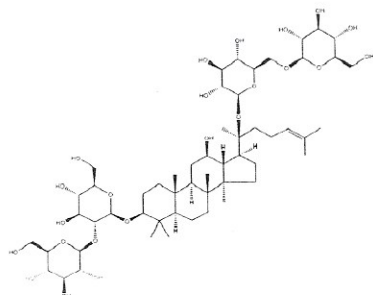
Molecular Weight: 1109.3

Appearance: Off-white powder

Water Content: 2.03%

Storage: Store at 2-8°C. Protect from light.
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.

Purity(HPLC): 99.10%



Prepared by:

Ramesh Mandadi

Ramesh Mandadi

Director of Operations

Reviewed and Approved by:

Sujata Moton

Sujata Moton

VP



INDOFINE Chemical Company, Inc.

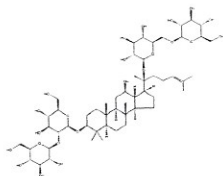
121 Stryker Lane, Bldg. 30, Suite 1 • Hillsborough, NJ 08844 • U.S.A.

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

website: www.indofinechemical.com

e-mail: chemical@indofinechemical.com

HPLC ANALYSIS



Catalog No.: 020105S

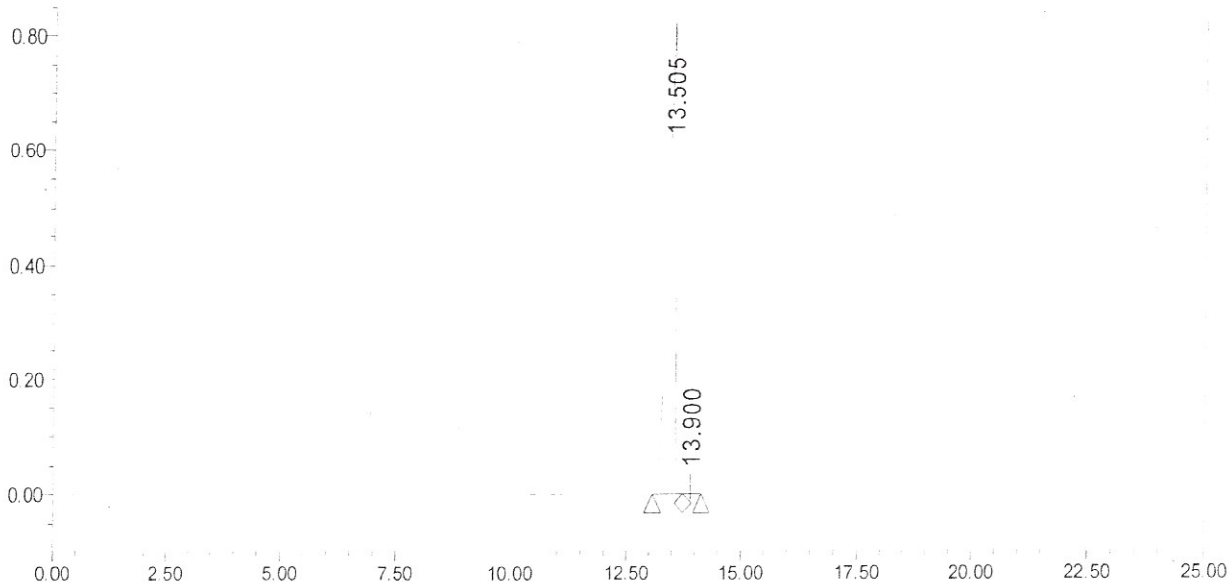
Product Name: Ginsenoside Rb1

Lot No.: 1909325

SAMPLE INFORMATION

| | | | |
|-------------------|-----------------|---------------------|-----------------|
| Sample Name: | Ginsenoside Rb1 | Acquired By: | PRF01 |
| Sample Type: | Unknown | Sample Set Name: | |
| Vial: | 21 | Acq. Method Set: | Ginsenoside Rb1 |
| Injection #: | 1 | Processing Method: | sample |
| Injection Volume: | 10.00 ul | Channel Name: | 205.0nm |
| Run Time: | 30.0 Minutes | Proc. Chnl. Descr.: | PDA 205.0 nm |

Auto-Scaled Chromatogram



Peak Results

| | RT | Area | % Area | | USP | USP |
|---|--------|---------|--------|--------|------|-----------|
| 1 | 13.505 | 9454587 | 99.10 | 831483 | | 22665.01 |
| 2 | 13.900 | 85650 | 0.90 | 14408 | 1.55 | 137972.45 |

Prepared by:

Ramesh Mandadi

Ramesh Mandadi

Director of Operations

Reviewed and Approved by:

Sujata Moton

Sujata Moton

VP