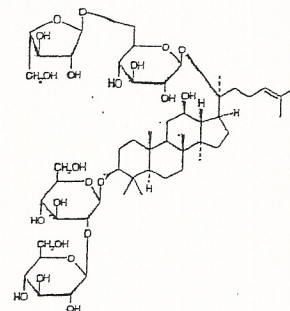




# INDOFINE Chemical Company, Inc.

121 Stryker Lane, Building 30  
Hillsborough, NJ 08844 USA  
Phone: (908) 359-6778; Fax: (908) 359-1179



## HPLC

## Batch: 19

# GINSENOSE R<sub>c</sub>

# 020106S

### IDENTIFICATION

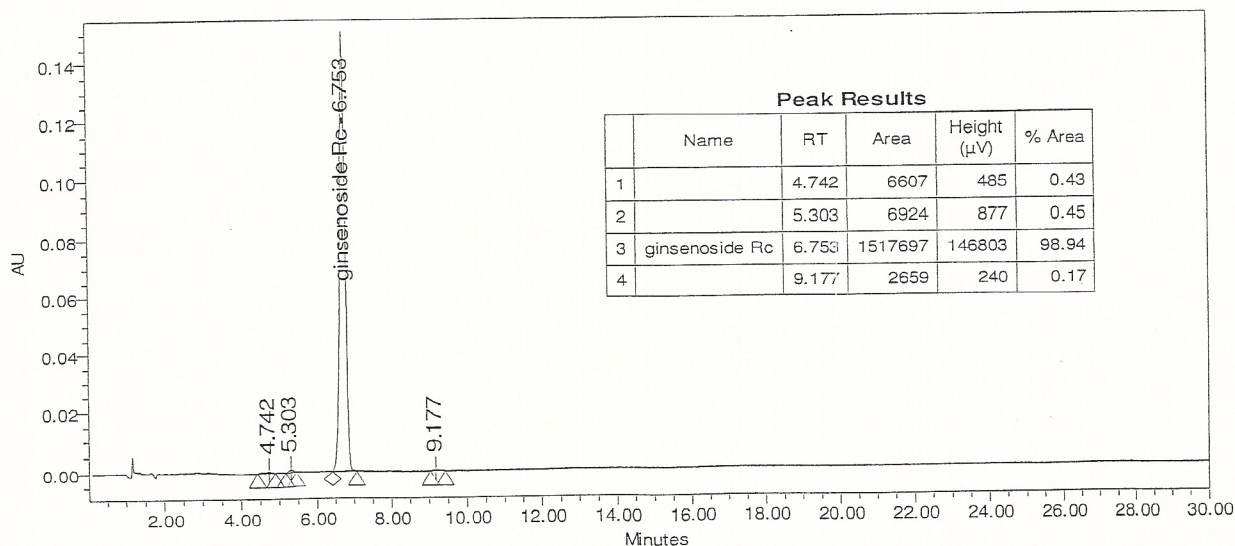
CAS number	[11021-14-0]
Chemical family	Saponins
Molecular formula	C <sub>53</sub> H <sub>90</sub> O <sub>22</sub>
Molecular weight	1079.29

### CERTIFICATE OF ANALYSIS

Appearance	White powder
Moisture	2.5 %
Residual solvents	<0.5 %
Thin layer chromatography	Support: Silicagel Solvent: Methylene chloride /methanol/water, (30/15/2:V/V/V) Detection: p-Anisaldehyde/acetic acid/sulfuric acid (1/40/1:V/V/V) then heating 10 mn at 110°C
Storage	This product is stable at ambient temperature for several weeks. However, optimum long-term storage may require lower temperature (<-15°C) Place in a desiccator under vacuum before use

### HIGH PERFORMANCE LIQUID CHROMATOGRAPHY

Column	Symmetry Shield RP18® (4.6 x 150 mm), particle size 3.5 µm
Solvent	Water / Acetonitrile (68/32, V/V)
Flow rate	1ml/mn
Detector	UV visible 200 nm
Sample solvent	Water



Assay by an HPLC method

Date of last QC-recheck : December 2012  
Date of retest : December 2014

*The values given on the 'Certificate of Analysis' are the results determined at the time of analysis.*