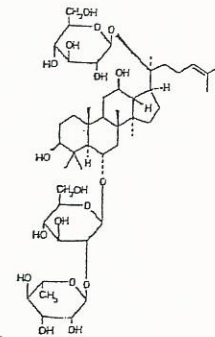


**INDOFINE Chemical Company, Inc.**

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Hillsborough, NJ 08844 USA

Phone: (908) 359-6778; Fax: (908) 359-1179

**HPLC****Batch: 10****GINSENOSIDE Re****020103S****IDENTIFICATION**

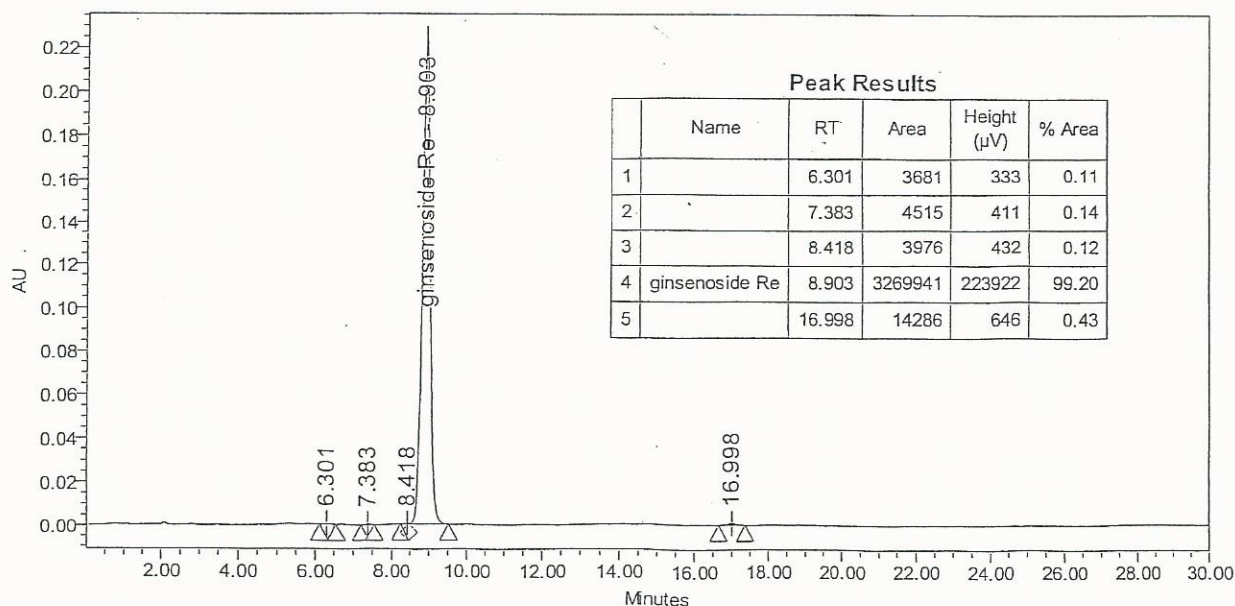
CAS number [52286-59-6]  
Chemical family Saponins  
Molecular formula  $C_{48}H_{82}O_{18}$   
Molecular weight 947.18

**CERTIFICATE OF ANALYSIS**

Appearance White powder  
Moisture 3.7%  
Residual solvents <0.5%  
Thin layer chromatography Support Silicagel  
Solvent Ethylacetate/methanol/water (100/25/10:V/V/V)  
Detection p-Anisaldehyde/acetic acid/sulfuric acid (1/40/1:V/V/V)  
then heating 10 mn at 110°C  
Storage Store at room temperature in a dry and dark place. Place in a desiccator under vacuum for 48 hours before use

**HIGH PERFORMANCE LIQUID CHROMATOGRAPHY**

Column Symmetry Shield RP18® (4.6 x 150 mm), particle size 3.5 µm  
Solvent Water / Acetonitrile (77/23, V/V)  
Flow rate 1ml/mn  
Detector UV visible 200 nm  
Sample solvent Mobile phase



Assay by an HPLC method.

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