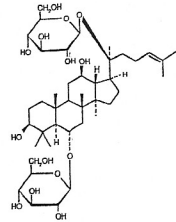




# INDOFINE Chemical Company, Inc.

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



## HPLC

## Batch: 40

# GINSENOSE Rg1

# 020101S

### IDENTIFICATION

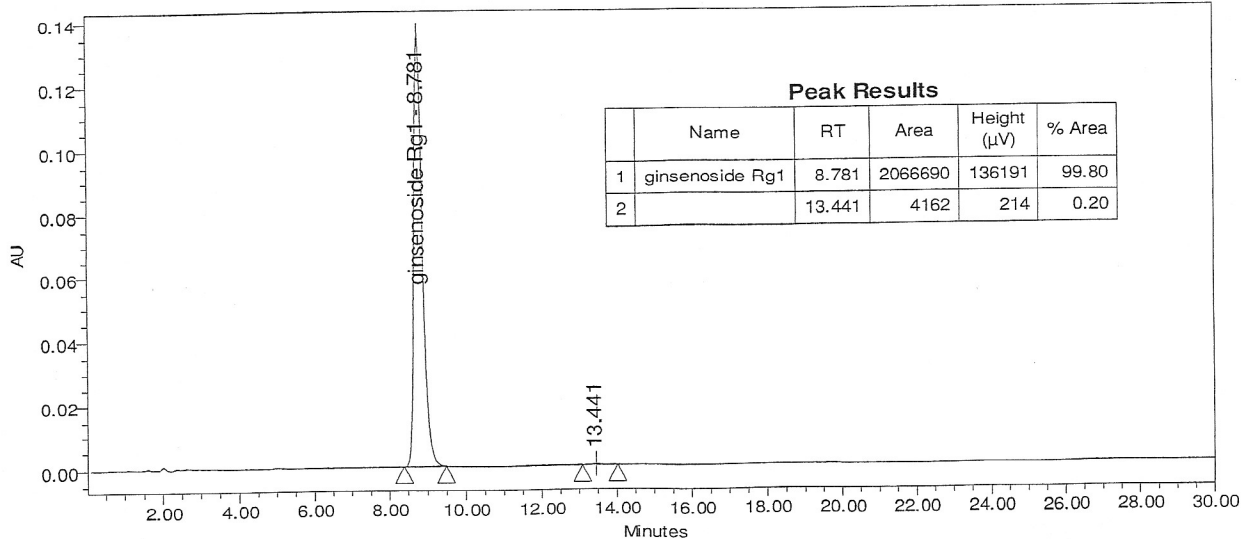
CAS number	[22427-39-0]
Chemical family	Saponins
Molecular formula	C <sub>42</sub> H <sub>72</sub> O <sub>14</sub>
Molecular weight	801.03

### CERTIFICATE OF ANALYSIS

Appearance	White powder
Moisture	1.9 %
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	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

### 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

Date of last QC-recheck : August 2012  
Date of retest : August 2013

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