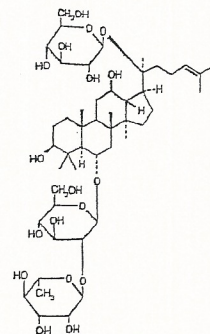


**INDOFINE Chemical Company, Inc.**

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

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

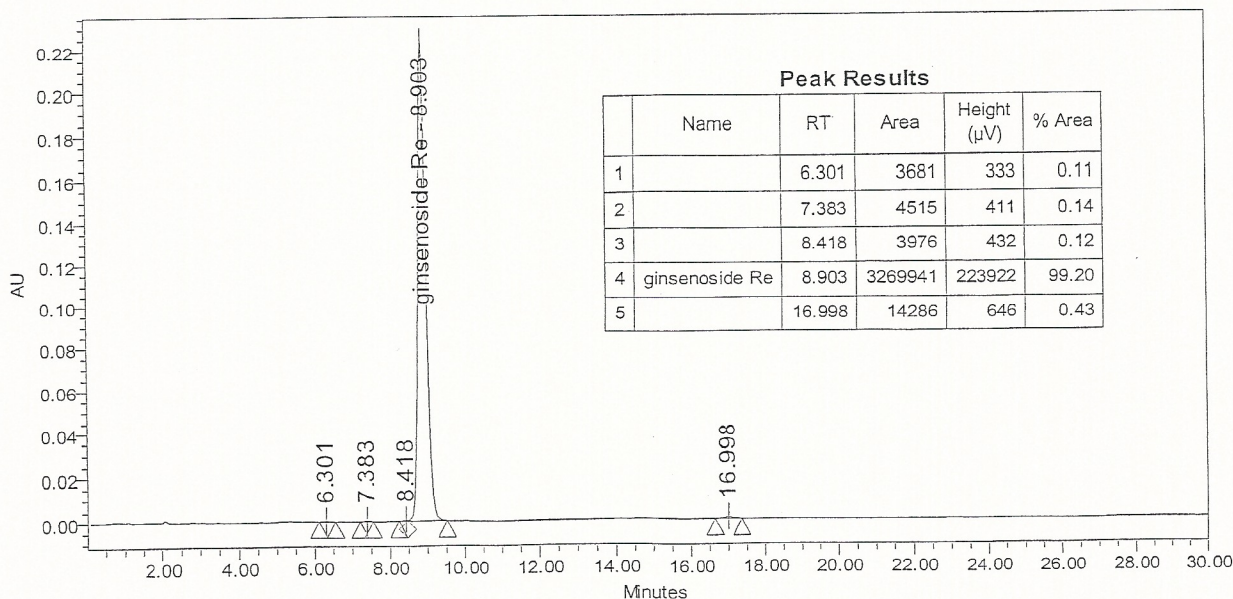
CAS number	[52286-59-6]
Chemical family	Saponins
Molecular formula	C ₄₈ H ₈₂ O ₁₈
Molecular weight	947.18

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.

Date of last QC-recheck : October 2010

Date of retest: October 2014

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