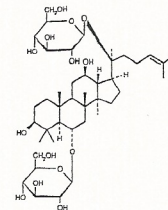




INDOFINE Chemical Company, Inc.

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Hillsborough, NJ 08844 USA
Phone: (908) 359-6778; Fax: (908) 359-1179



HPLC

Batch: 40

GINSENOSE Rg1

020101S

IDENTIFICATION

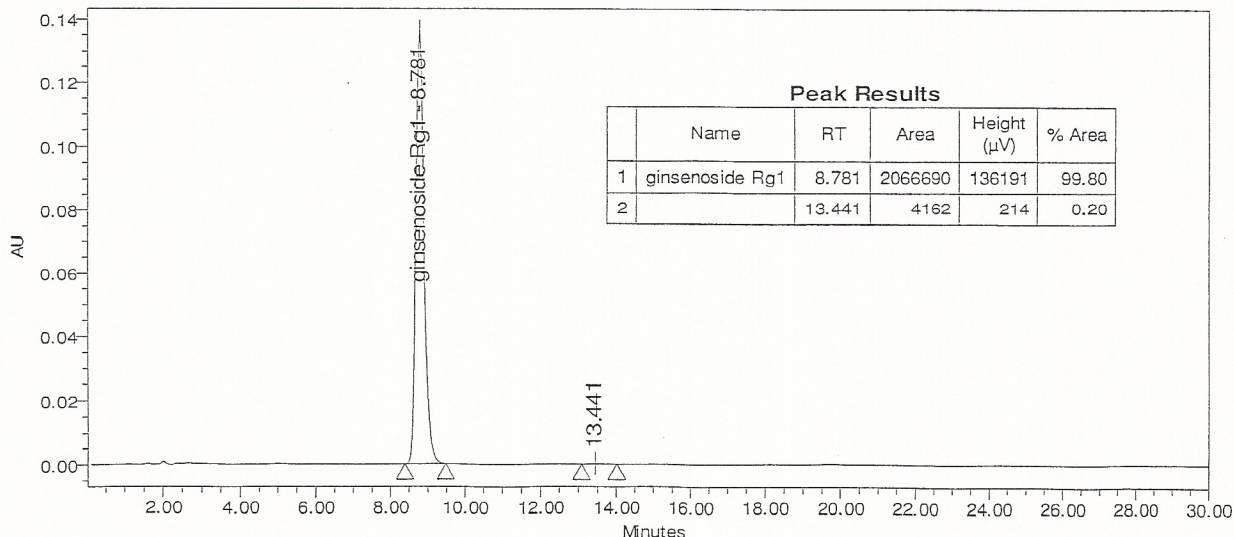
CAS number	[22427-39-0]
Chemical family	Saponins
Molecular formula	C ₄₂ H ₇₂ O ₁₄
Molecular weight	801.03

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.