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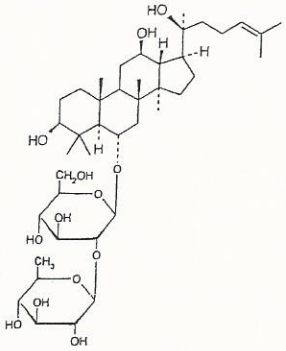


HPLC Batch: 01

GINSENOSIDE Rg2 020108S

IDENTIFICATION

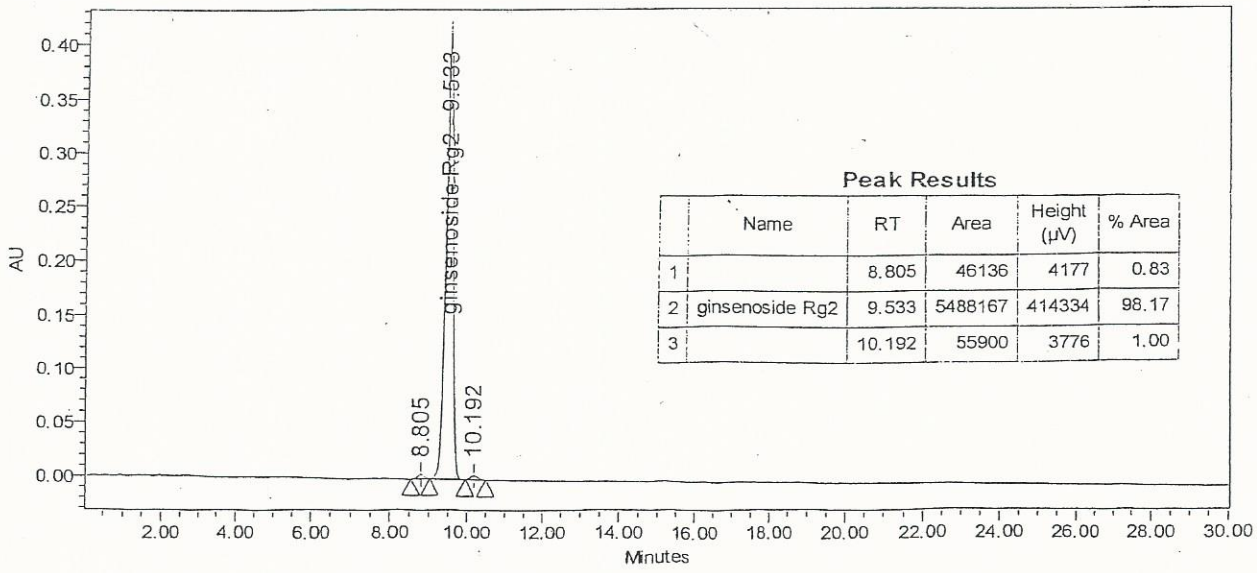
CAS number	[52286-74-5]
Chemical family	Saponins
Molecular formula	$C_{42}H_{72}O_{13}$
Molecular weight	785.023

CERTIFICATE OF ANALYSIS

Appearance	White powder	
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.	

HIGH PERFORMANCE LIQUID CHROMATOGRAPHY

Column	Symmetry Shield RP18® (4.6 x 150 mm), particle size 3.5 µm
Solvent	Water / Acetonitrile (62/32 , V/V)
Flow rate	1ml/mn
Detector	UV visible 200 nm
Sample solvent	Mobile phase



Peak Results

	Name	RT	Area	Height (µV)	% Area
1		8.805	46136	4177	0.83
2	ginsenoside Rg2	9.533	5488167	414334	98.17
3		10.192	55900	3776	1.00

Assay by an HPLC method.

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