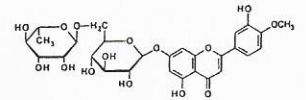




# INDOFINE Chemical Company, Inc.

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## HPLC ANALYSIS



021109S

DIOSMIN

Lot No.: 15102111

### IDENTIFICATION

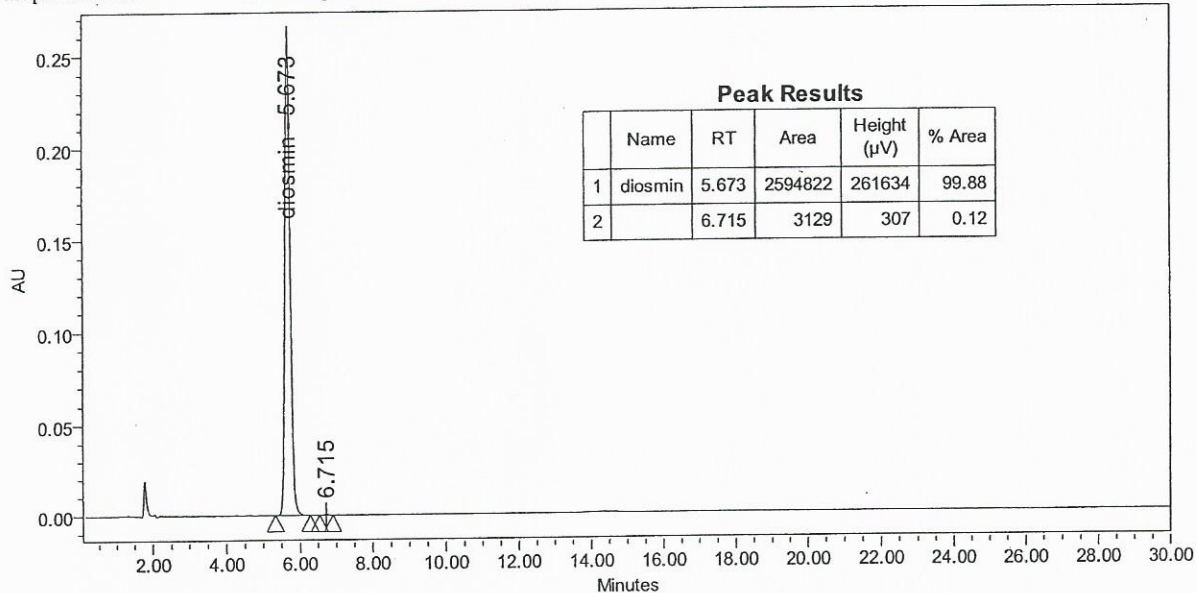
CAS number	[520-27-4]
Chemical name	Barosmin; Diosmetin-7-O-rutinoside
Molecular formula	C <sub>28</sub> H <sub>32</sub> O <sub>15</sub>
Molecular weight	608.56

### CERTIFICATE OF ANALYSIS

Appearance	Slightly yellow powder	
Absorption maxima	253, 268, 342 nm in methanol + 0.5% dimethylsulfoxide	
Melting point	266°C dec.	
Moisture	4.0%	
Residual solvent	<0.5%	
Thin layer chromatography	support	Silicagel
	solvent	Ethylacetate / methanol / water (100/25/10, V/V/V)
	detection	U.V.
Storage	Store at room temperature in a dry and dark place. 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 + 0.3% H <sub>3</sub> PO <sub>4</sub> / Methanol/Acetonitrile (55/35/10, V/V/V)
Flow rate	1 ml/min
Detector	UV visible 254 nm
Sample solvent	Dimethylsulfoxide / methanol (5/15, V/V)



Assay by an HPLC method.

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