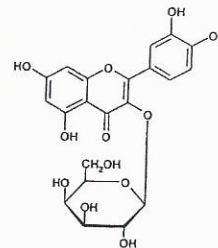




# INDOFINE Chemical Company, Inc.

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## HPLC ANALYSIS

**021027S      HYPEROSIDE      Lot No.: 15040726**

### IDENTIFICATION

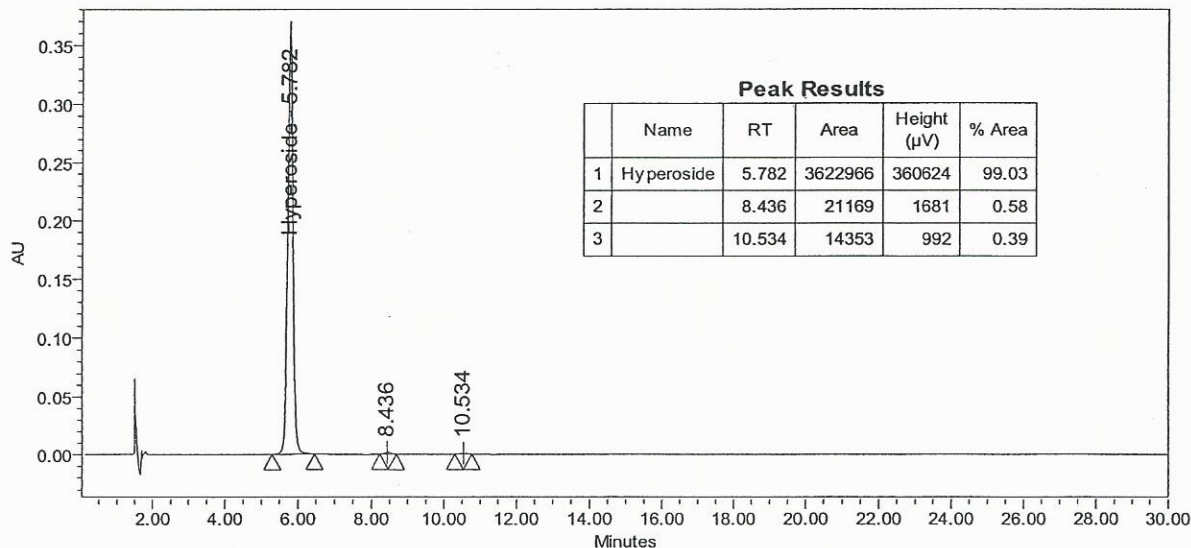
CAS number	[482-36-0]
Chemical names	Quercetin-3-O-galactoside ; Hyperin
Molecular formula	C <sub>21</sub> H <sub>20</sub> O <sub>12</sub>
Molecular weight	464.38

### CERTIFICATE OF ANALYSIS

Appearance	Yellow powder	
Melting point	213-214°C	
Moisture	3.2 %	
Residual solvents	1.8 %	
Thin layer chromatography	support	Silicagel
	solvent	Ethyl acetate/formic acid/acetic acid/methylethylketone 50/7/3/30/10, V/V/V/V/V
	detection	U.V
Absorption maxima	257, 268sh, 297sh, 360 nm in methanol	
Storage	Store at room temperature in a dry and dark place. Place in a desiccator under vacuum before use.	

### HIGH PERFORMANCE LIQUID CHROMATOGRAPHY

Column	Nova pak C18® (3.9 x 150 mm), particle size 4 µm
Solvent	Water + 5% acetic acid / Acetonitrile (88/12, V/V)
Flow rate	1 ml/mn
Detector	UV visible 254 nm
Sample solvent	Methanol



Assay by an HPLC method.

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