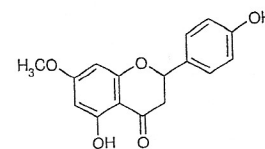


**INDOFINE Chemical Company, Inc.**

121 Stryker Lane, Building 30

Hillsborough, NJ 08844 USA

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

**HPLC****Batch: 06****SAKURANETIN****021247S****IDENTIFICATION**

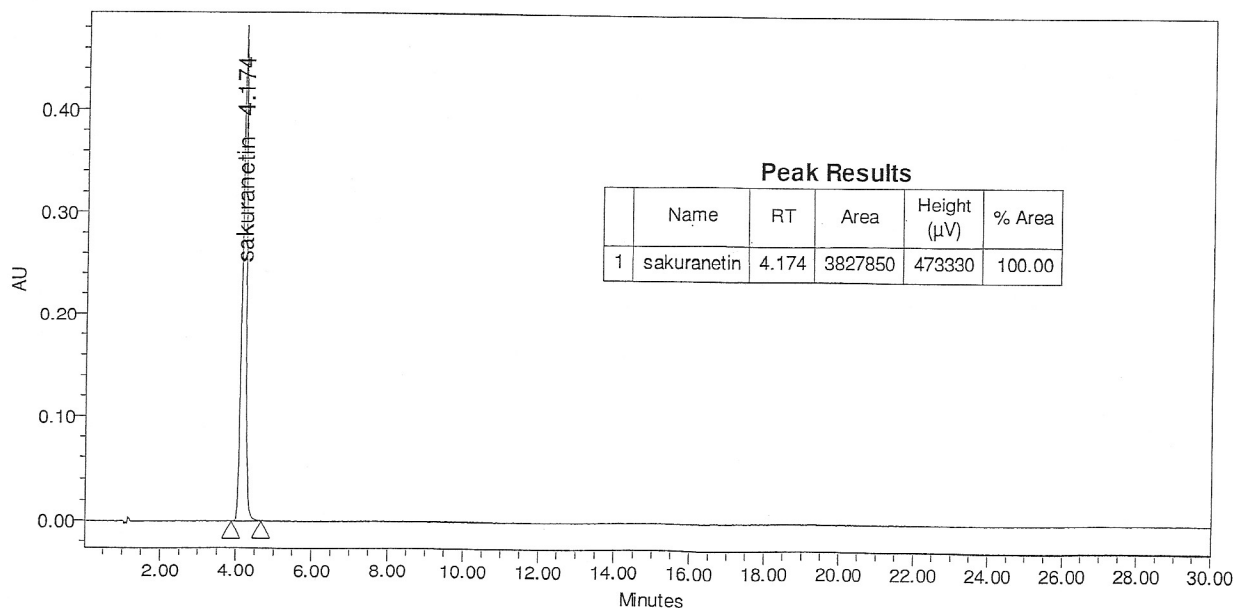
CAS number	[520-29-6]
Chemical family	Flavonoids
Synonym	4',5-dihydroxy-7-methoxyflavanone ; Naringenin-7-methylether
Molecular formula	C ₁₆ H ₁₄ O ₅
Molecular weight	286.29

CERTIFICATE OF ANALYSIS

Appearance	Cream powder	
Absorption maxima	288, 326sh nm in ethanol	
Melting point	152-154°C	
Moisture	<0.5%	
Residual solvents	<0.5%	
Thin layer chromatography	support	Silicagel
	solvent	Toluene/ethylformate/formic acid (5/4/1, 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	Nova pak C18® (3.9 x 150 mm), particle size 4 µm
Solvent	Water + 5% acetic acid/ Methanol / Acetonitrile (50/35/15, V/V/V)
Flow rate	1 ml/min
Detector	UV visible 280 nm
Sample solvent	Ethanol



Assay by an HPLC method.

Date of last QC-recheck : August 2012

Date of retest: August 2016

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