INDOFINE Chemical Company, Inc.
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H P L C Batch: 07

TILIROSIDE 021001S

IDENTIFICATION

CAS number	[20316-62-5]
Chemical family	Flavonoids
Synonym	3-O-Glucopyranosyloxy-4',5,7-trihydroxyflavone-6″-O-(p-coumaroyl)
Molecular formula	$C_{30}H_{26}O_{13}$
Molecular weight	594.528

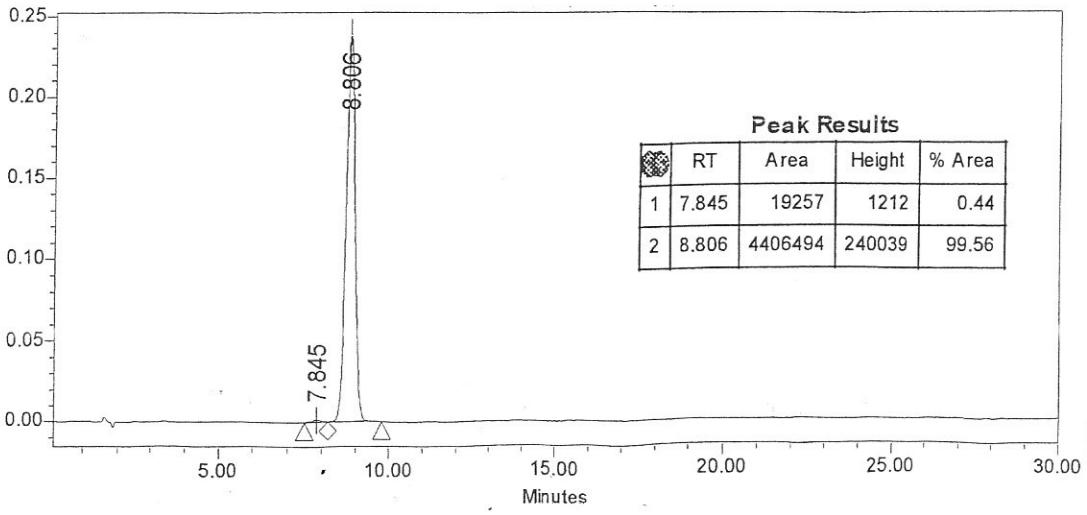
CERTIFICATE OF ANALYSIS

Appearance	Yellow powder	
Melting point	258-260°C	
Moisture	3.1%	
Thin layer chromatography	support	Silicagel
	solvent	Ethyl acetate/methanol/water (100/25/10 , V/V/V)
	detection	U.V.
Absorption maxima	267, (300)sh, 314.5, (355)sh nm in methanol	
Storage	Store in a dry and dark place. Place in a desiccator under vacuum for 48 hours before use	

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

HIGH PERFORMANCE LIQUID CHROMATOGRAPHY

Column	Symmetry Shield RP18® (4.6 x 150 mm), particle size 3.5 µm
Solvent	Water + 5% acetic acid / Methanol (40/60 , V/V)
Flow rate	1 ml/mn
Detector	UV visible 254 nm
Sample solvent	Methanol



Peak Results

	RT	Area	Height	% Area
1	7.845	19257	1212	0.44
2	8.806	4406494	240039	99.56

Product no-certified. Assay by an HPLC method.

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