

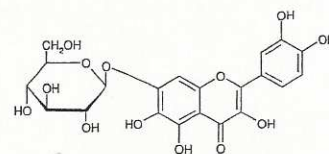


# INDOFINE Chemical Company, Inc.

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**HPLC Lot No.: 13092601**

**QUERCETAGETIN-7-O-GLUCOSIDE 021341S**

### IDENTIFICATION

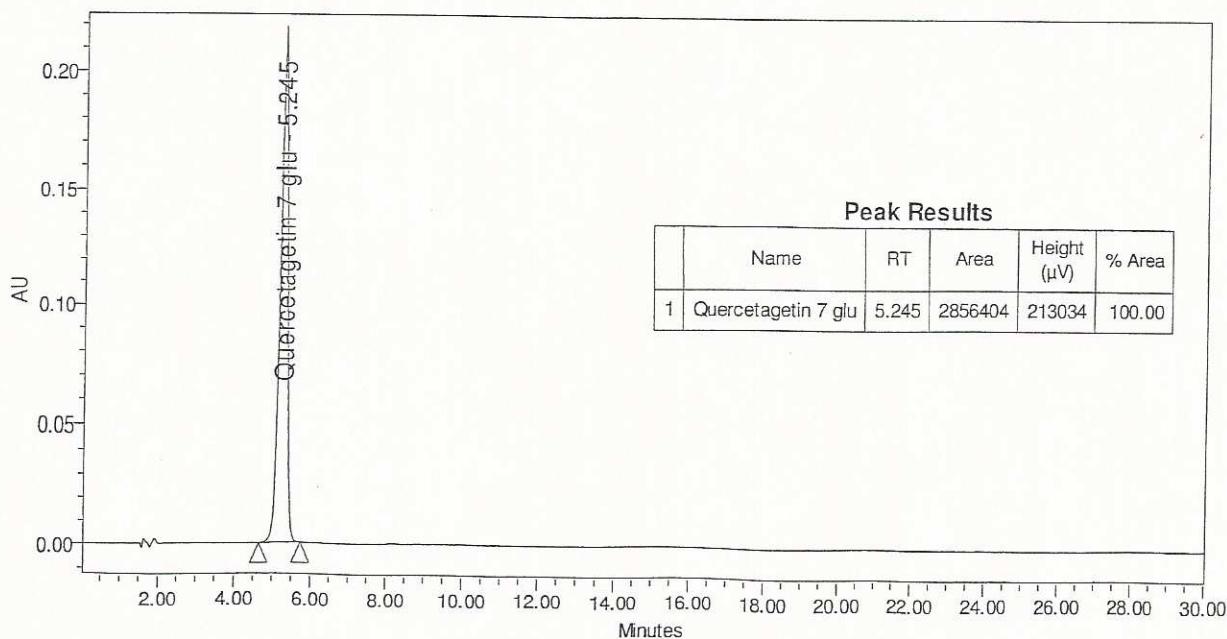
CAS number	[548-75-4]
Chemical family	Flavonoids
Molecular formula	C <sub>21</sub> H <sub>20</sub> O <sub>13</sub>
Molecular weight	480.38

### CERTIFICATE OF ANALYSIS

Appearance	Yellowish powder	
Melting point	207°C,dec	
Thin layer chromatography	support	Silicagel
	solvent	Ethyl acetate/methanol/water (100/25/10, V/V/V)
	detection	p-Anisaldehyde/acetic acid/sulfuric acid (1/40/1:V/V/V)
	then heating 10 min at 110°C	
Moisture	3.7%	
Absorption maxima	262, 278sh, 366 nm in ethanol + 0.5% dimethylsulfoxide	
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 (65/25/10, V/V/V)
Flow rate	1 ml/min
Detector	UV visible 254 nm
Sample solvent	Ethanol / Dimethylsulfoxide (18/2, V/V)



Assay by an HPLC method.

Date of last QC-recheck : October 2010

Date of retest: October 2014

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