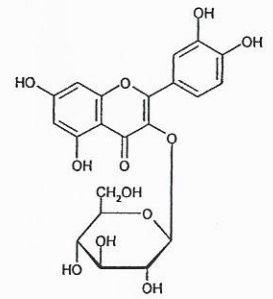




# INDOFINE Chemical Company, Inc.

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## HPLC ANALYSIS

### 021327S QUERCETIN-3-O-GLUCOPYRANOSE Lot Number: 16062333

#### IDENTIFICATION

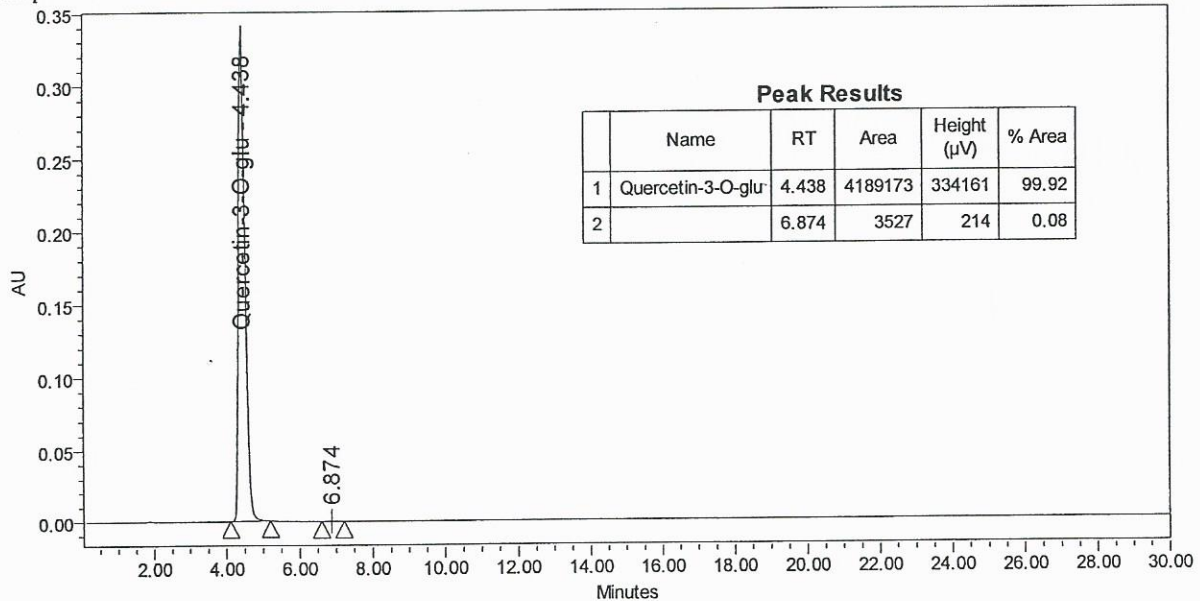
CAS number	[482-35-9]
Molecular formula	C <sub>21</sub> H <sub>20</sub> O <sub>12</sub>
Molecular weight	464.38

#### CERTIFICATE OF ANALYSIS

Appearance	Yellow powder
Moisture	7.2%
Residual solvents	0.6%
U.V. Spectrum	257, 268sh, 298sh, 357 nm in methanol
Thin layer chromatography	support Silicagel solvent Ethyl acetate/methylethylketone/formic acid/water (5/3/1/1, V/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/mn
Detector	UV visible 254 nm
Sample solvent	Methanol



Assay by an HPLC method.

Date of last QC-recheck : June 2015  
Date of retest : June 2017

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