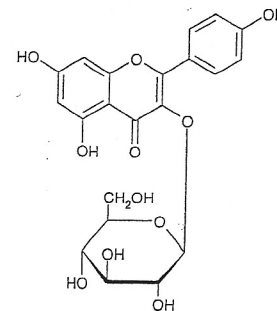




# INDOFINE Chemical Company, Inc.

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## HPLC

## Batch: 15

# KAEMPFEROL-3-O-GLUCOSIDE 021243S

### IDENTIFICATION

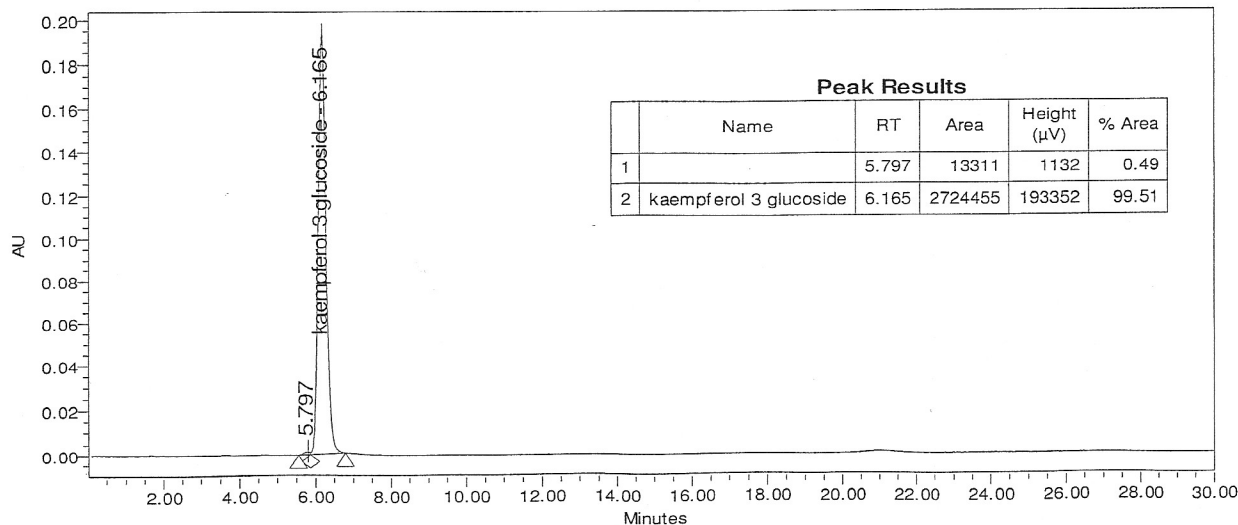
CAS number [480-10-4]  
Chemical family Flavonoids  
Synonym Astragalin  
Molecular formula  $C_{21}H_{20}O_{11}$   
Molecular weight 448.38

### CERTIFICATE OF ANALYSIS

Appearance Yellow-orange powder  
Moisture 3.7%  
Residual solvents 2.5%  
Thin layer chromatography support Silicagel  
solvent Ethylacetate/methanol/water (100/25/10, V/V/V)  
detection U.V.  
Absorption maxima 266, 300sh, 350 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 Symmetry Shield RP18® (4.6 x 150 mm), particle size 3.5  $\mu$ m  
Solvent Methanol / Water (55/45, V/V)  
Flow rate 1 ml/min  
Detector UV visible 254 nm  
Sample solvent Methanol



Assay by an HPLC method.

Date of last QC-recheck : June 2012  
Date of retest: June 2016

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