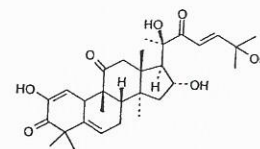




# INDOFINE Chemical Company, Inc.

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## HPLC ANALYSIS

**020021S CUCURBITACIN I Lot No.: 14071517**

### IDENTIFICATION

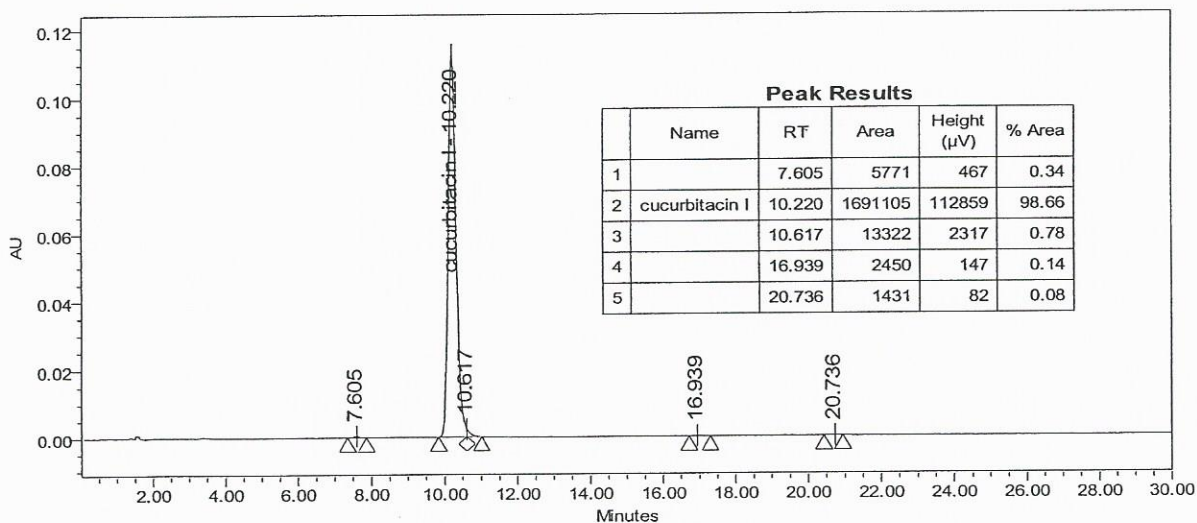
CAS number [2222-07-3]  
Chemical family Triterpenoids  
Chemical names Elaterin B  
Molecular formula  $C_{30}H_{42}O_7$   
Molecular weight 514.67

### CERTIFICATE OF ANALYSIS

Appearance White powder  
Moisture 3.4%  
Residual solvents 0.9%  
Thin layer chromatography support Silicagel  
solvent Toluene / Ethyl formate / Formic acid (5/4/1, V/V/V)  
detection p-anisaldehyde/acetic acid/sulfuric acid (1/40/1, V/V/V) then heating at 110°C 10 mn  
Absorption maxima 234, 268 nm in ethanol  
Storage **Toxic.** 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 Water / Methanol / Acetonitrile (50/30/20, V/V/V)  
Flow rate 1 ml/mn  
Detector UV visible 235 nm  
Sample solvent Ethanol



Assay by an HPLC method.

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