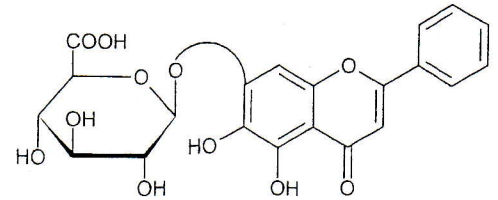


**INDOFINE Chemical Company, Inc.**

121 Stryker Lane, Bldg. 30, Suite 1
Hillsborough, NJ 08844 USA
Phone: (908) 359-6778; Fax: (908) 359-1179

**H P L C****Batch: 05****BAICALIN****021280S****IDENTIFICATION**

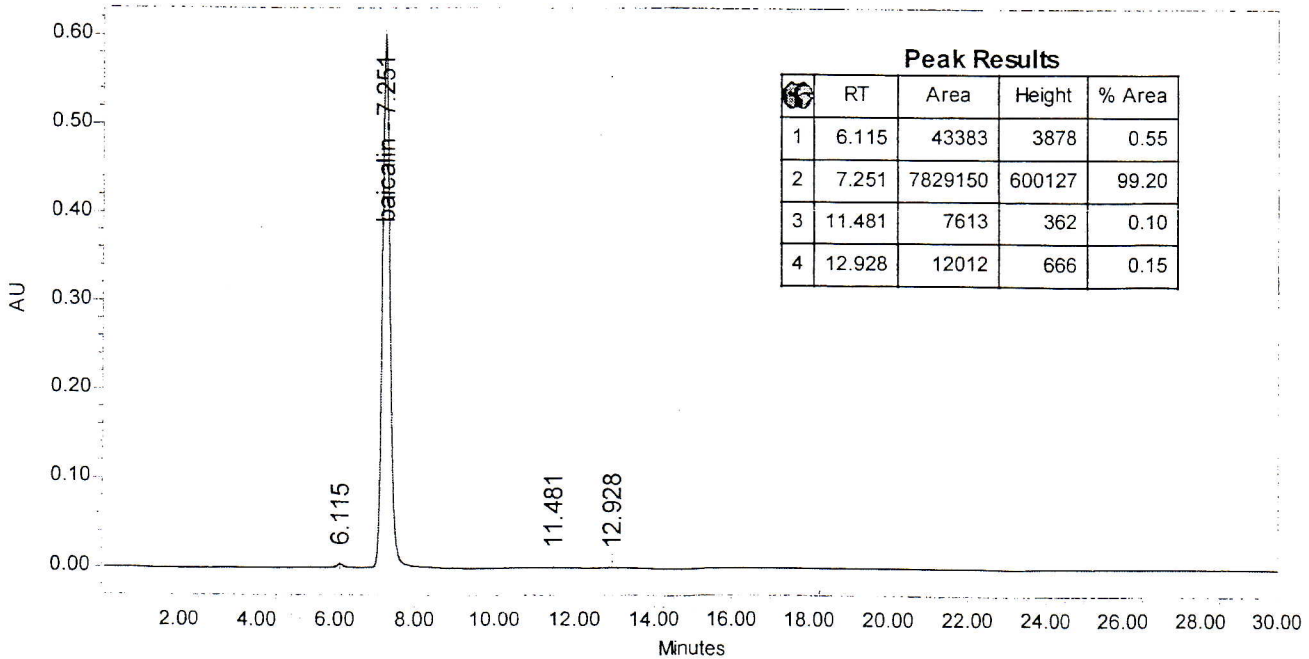
CAS number	[21967-41-9]
Chemical name	Baicalin-7-O- β -D-glucuronoside
Chemical family	Flavonoids
Molecular formula	C ₂₁ H ₁₈ O ₁₁
Molecular weight	446.37

CERTIFICATE OF ANALYSIS

Appearance	Yellow powder	
Melting point	209°C, dec	
Thin layer chromatography	support	Silicagel
	solvent	Ethylacetate/methylethylketone/formic acid/water (5/3/1/1, V/V/V/V)
	detection	U.V
Moisture	4.7 %	
Absorption maxima	245, 278, 312 nm in methanol	
Storage	Store at room temperature in a dry and dark place. Place in a desiccator under vacuum for 48 hours before use	

HIGH PERFORMANCE LIQUID CHROMATOGRAPHY

Column	Symmetry Shield RP18® (4.6 x 150 mm), particle size 3.5 μ m
Solvent	Water + 0.3% H ₃ PO ₄ / Methanol / Acetonitrile (60/20/20, V/V/V)
Flow rate	1 ml/min
Detector	UV visible 280 nm
Sample solvent	Methanol



Product no-certified. Assay by an HPLC method.
Date of last QC-recheck : 08/26/05

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