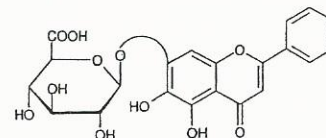




INDOFINE Chemical Company, Inc.

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HPLC ANALYSIS

021280S **BAICALIN** **Lot No.: 11072207**

IDENTIFICATION

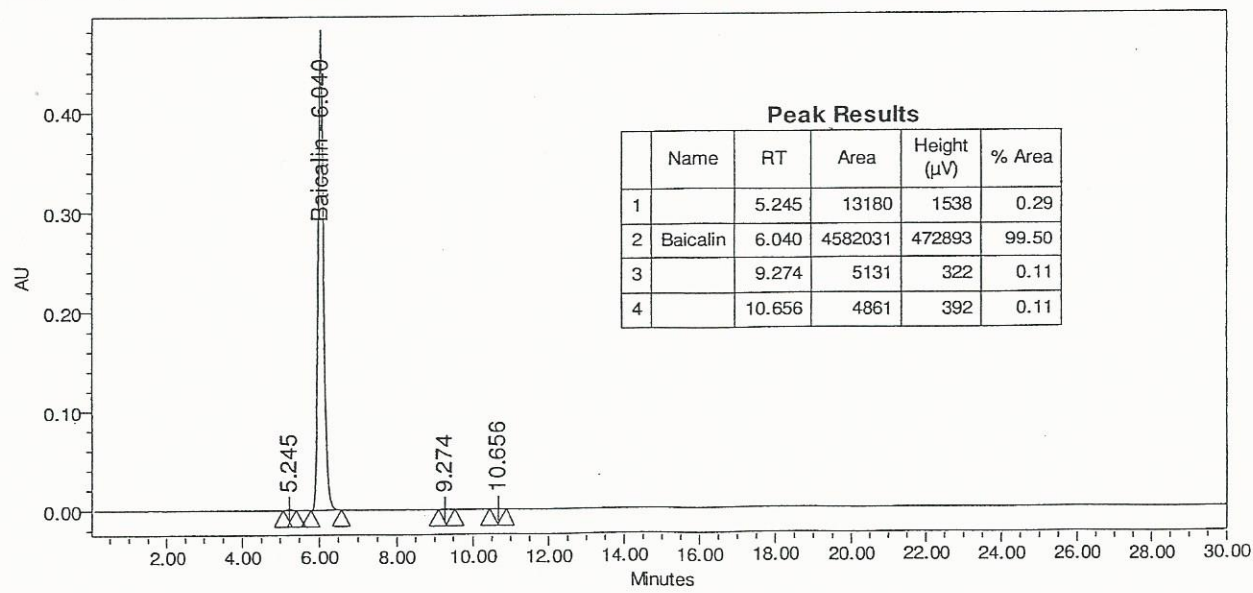
CAS number	[21967-41-9]
Chemical name	Baicalein-7-O-glucuronide
Chemical family	Flavonoids
Molecular formula	C ₂₁ H ₁₈ O ₁₁
Molecular weight	446.36

CERTIFICATE OF ANALYSIS

Appearance	Yellow powder
Melting point	208°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	4.0 %
Residual solvents	< 0.5%
Absorption maxima	246, 278, 314 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 µm
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



Assay by an HPLC method.

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