



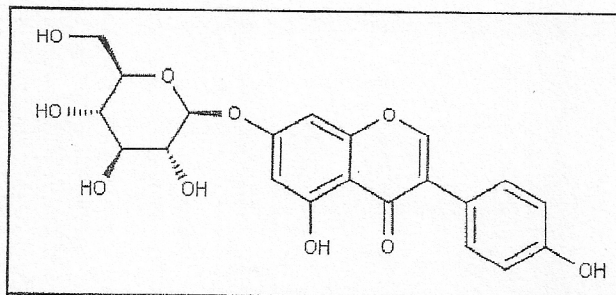
INDOFINE Chemical Company, Inc.

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Certificate Of Analysis

021325S**GENISTIN****Lot No.: 24031606**

| | |
|-------------|---|
| CAS RN | 529-59-9 |
| MOL FORMULA | C ₂₁ H ₂₀ O ₁₀ |
| MOL WEIGHT | 432,38 |



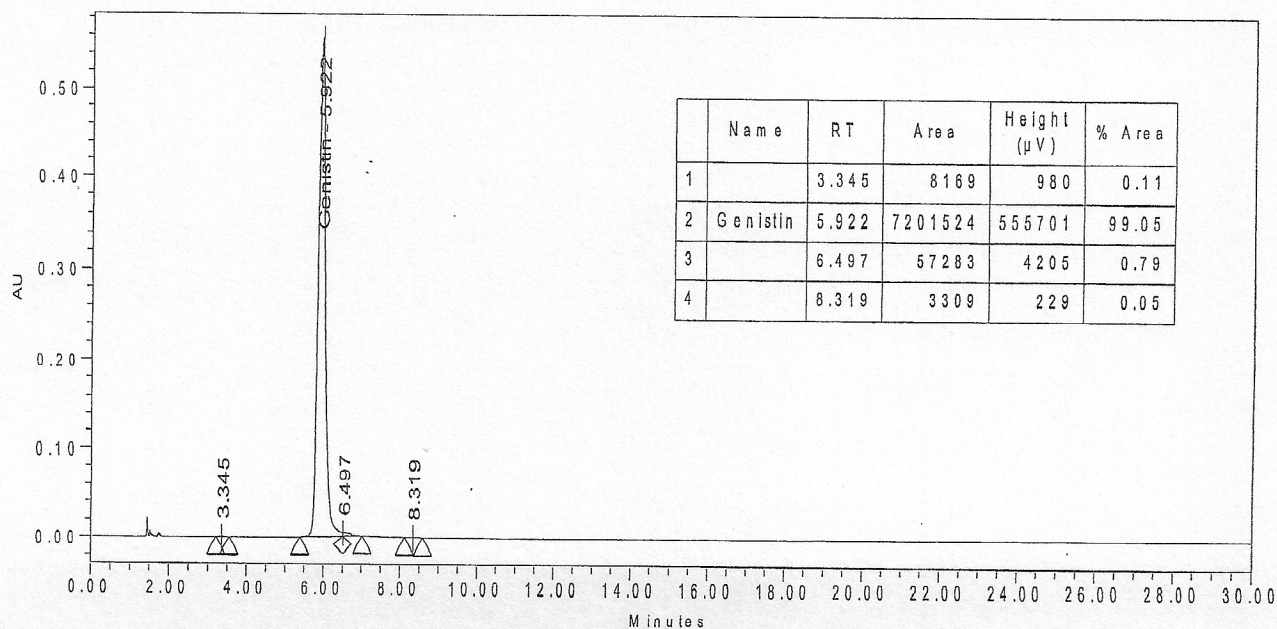
| TEST | METHOD | UNIT | SPECIFICATION | RESULT |
|-------------------|----------------|--------|-----------------------|---------|
| Appearance | Visual | | White to beige powder | Conform |
| Water content | KF | % w/w | | < 0,2 |
| Residual solvents | GC-HS | % w/w | | 0,1 |
| Inorganics | ICP-MS | % w/w | | < 0,1 |
| Purity | HPLC | % area | ≥ 99,0 | 99,1 |
| Assay | Calculated (*) | % w/w | | 99,0 |

(*) Assay = Purity by HPLC x (100 - %water - %solvents - %inorganics)

CHROMATOGRAPHIC PURITY / HPLC

Column : Novapak C18 - 4,6x150 mm - 4 µm
Mobile phase : Water + 0,1% H₃PO₄ 72 / MeOH 18 / ACN 10 (v/v/v)
Detection : UV 262 nm

Temperature : 30°C
Flow rate : 1 ml/min
Injection volume : 5 µl
Injection solvent : MeOH + 10% DMSO



LONG TERM STORAGE : Below 8°C in a dry and dark place