

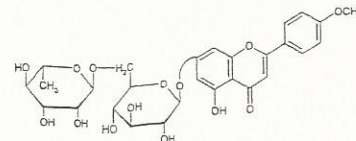


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HPLC Batch: 12

LINARIN 021169S

IDENTIFICATION

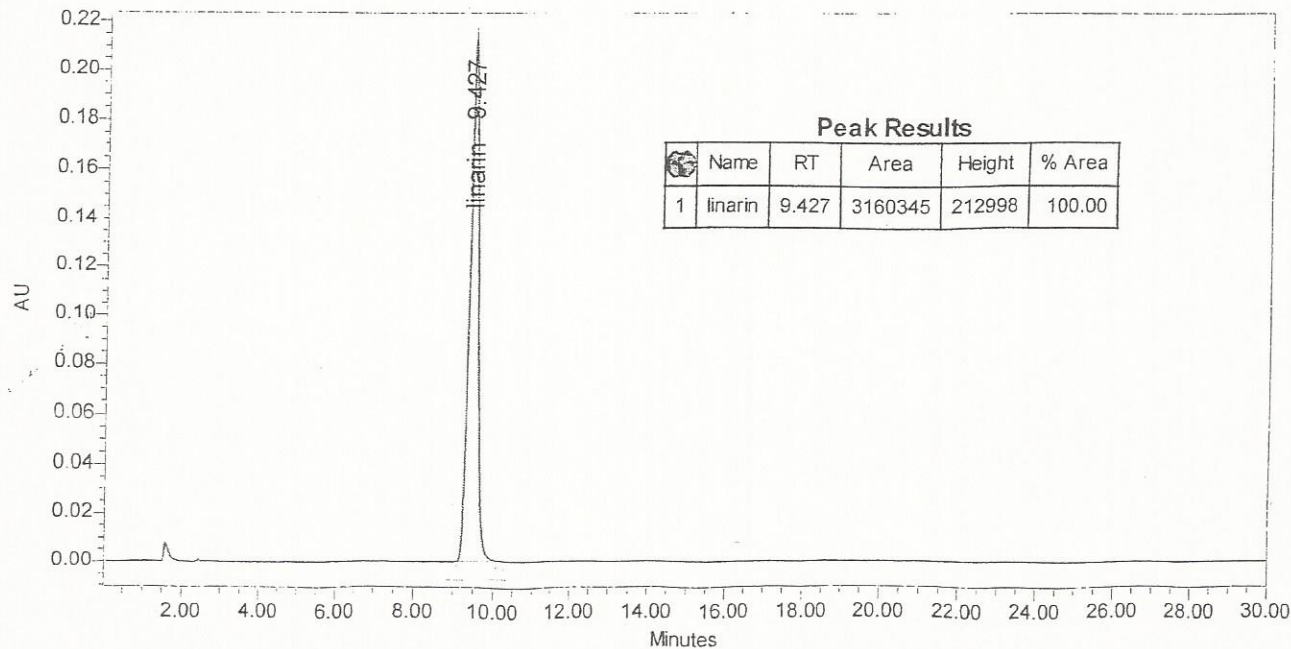
| | |
|-------------------|---|
| CAS number | [480-36-4] |
| Chemical family | Flavonoids |
| Chemical names | Acacetin-7-O-rutinoside |
| Molecular formula | C ₂₈ H ₃₂ O ₁₄ |
| Molecular weight | 592.55 |

CERTIFICATE OF ANALYSIS

| | | |
|---------------------------|---|---|
| Appearance | Lightly beige powder | |
| Melting point | 248-250°C | |
| Thin layer chromatography | support | Silicagel |
| | solvent | Ethyl acetate/Methylethylketone/Water/Formic acid (5/3/1/1 , V/V/V/V) |
| | detection | U.V. |
| Absorption maxima | 269.5, 328 nm in ethanol + 0.5% dimethylsulfoxide | |
| Moisture | 1.5% | |
| 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 / Acetonitrile (75/25 , V/V) |
| Flow rate | 1 ml/mn |
| Detector | UV visible 254 nm |
| Sample solvent | Dimethylsulfoxide / Ethanol (2/18, V/V) |



Product no-certified. Assay by an HPLC method.

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