



INDOFINE Chemical Company, Inc.

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H P L C

Batch: 04

SYRINGETIN-3-GALACTOSIDE

021246S

IDENTIFICATION

Cas number [55025-56-4]
Chemical family Flavonoids
Molecular formula $C_{23}H_{24}O_{13}$
Molecular weight 508.43

CERTIFICATE OF ANALYSIS

Appearance Yellow powder
Melting point 235-236°C
Thin layer chromatography support Silicagel
solvent Ethylacetate/formic acid/acetic acid/water (100/11/11/23, V/V/V/V)
detection U.V.
Absorption maxima 252.5, (266)sh, (302)sh, 359 nm in methanol
Storage Store at +18°C 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_3PO_4 / Methanol / Acetonitrile (65/15/20, V/V/V)
Flow rate 1 ml/min
Detector UV visible 254 nm
Capacity factor 5.66
Sample solvent Methanol

