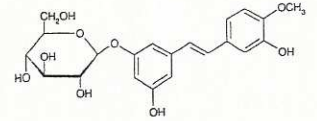




# INDOFINE Chemical Company, Inc.

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## HPLC

## Lot No.: 13092602

# RHAPONTIN

# 024740S

### IDENTIFICATION

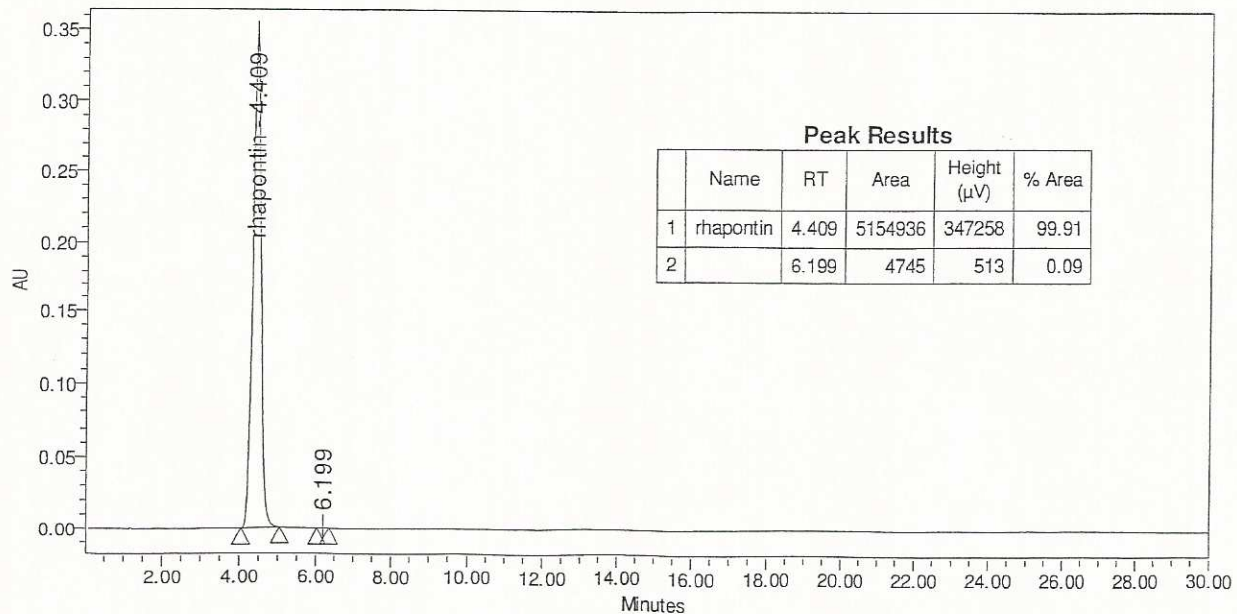
CAS number	[155-58-8]
Chemical family	Phenolic acids and derivatives
Synonym	Rhaponticin ; 4'-Methoxy-3,3',5-stilbenetriol-3-glucoside
Molecular formula	C <sub>21</sub> H <sub>24</sub> O <sub>9</sub>
Molecular weight	420.42

### CERTIFICATE OF ANALYSIS

Appearance	Beige-coloured powder
Melting point	236-237°C
Absorption maxima	220, 238sh, 302sh, 325 nm in methanol
Moisture	0.5%
Residual solvent	< 0.5%
Thin layer chromatography	support Silicagel solvent Ethyle acetate/methanol/water (100/25/10, V/V/V) detection p-Anisaldehyde/acetic acid/sulfuric acid (1/40/1, V/V/V) 10mn at 110°C
Storage	Store at room temperature in a dry and dark place. Place in a desiccator under vacuum for 48 hours before use. <b>Unstable in solution.</b>

### HIGH PERFORMANCE LIQUID CHROMATOGRAPHY

Column	Nova pak C18® (3.9 x 150 mm), particle size 4 µm
Solvent	Water / Methanol (65/35, V/V)
Detector	UV visible 320 nm
Sample solvent	Methanol



Assay by an HPLC method.

Date of last QC-recheck: April 2010

Date of retest: April 2014

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