

**ICC** **INDOFINE Chemical Company, Inc.**

121 Stryker Lane, Bldg. 30, Suite 1 • Hillsborough, NJ 08844 • U.S.A.

Phone: (908) 359-6778 • FAX: (908) 359-1179

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**CERTIFICATE OF ANALYSIS**

Catalog Number: 06-753

Product Name: **ISOSAPONARIN**  
(Isovitexin-4'-O-β-D-Glucopyranoside)

CAS Number: [19416-87-6]

Lot Number: 2111613

Chemical Formula: C<sub>27</sub>H<sub>30</sub>O<sub>15</sub>

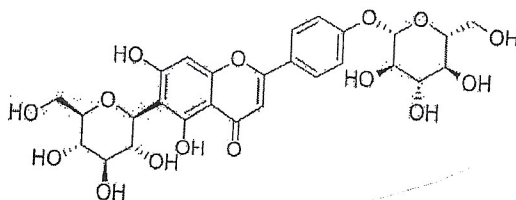
Molecular Weight: 594.52

Appearance: Yellow powder

Solubility: DMSO, Methanol, Ethanol

Storage: Store at 2-8°C. Protect from light.

Purity(HPLC): 99.34%



Prepared by:  
*Ramesh Mandadi*  
Ramesh Mandadi  
Director of Operations

Reviewed and Approved by:  
*Sujata Moton*  
Sujata Moton  
VP



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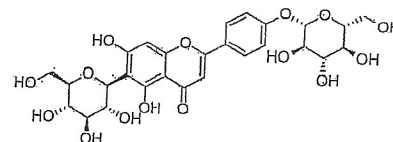
e-mail: [chemical@indofinechemical.com](mailto:chemical@indofinechemical.com)

## HPLC ANALYSIS

### <Sample Information>

Instrument : SHIMADZU LC-20AT  
 Column : Inertsil ODS-3 column (5 µm, 4.6x250 mm)  
 Column Temp. : 35°C  
 Mobile phase flow : 1.0 ml/min  
 Injection Volume : 5 µL  
 Detection Wave. : UV-319nm  
 Con. & Solvent : 1mg/ml (Methanol)

Catalog No.: 06-753  
 Product Name: Isosaponarin  
 Lot No.: 2111613

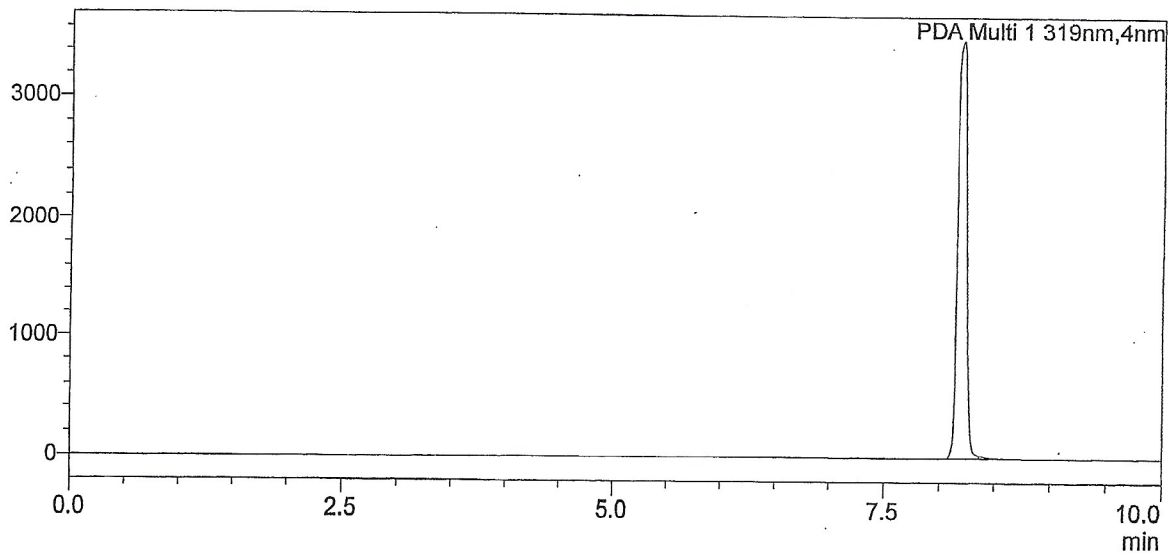


### <Analysis condition>

5%→100% Acetonitrile in 0.05% Phosphoric acid H<sub>2</sub>O  
 over 10.0 min followed by 100% Acetonitrile to 13.0 min

### <Chromatogram>

mAU



### <Peak Table>

PDA Ch1 319nm

Peak#	Ret. Time	Area	Height	Conc.	Unit	Area%
1	8.209	20537819	3524423	0.000		99.348
2	8.411	134869	15356	0.000		0.652
		20672689	3539779			100.000

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