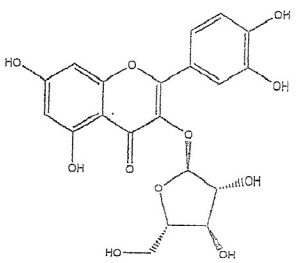
INDOFINE Chemical Company, Inc.
121 Stryker Lane, Bldg. 30, Suite 1 • Hillsborough, NJ 08844 • U.S.A.
Phone: (908) 359-6778 • FAX: (908) 359-1179
website: www.indofinechemical.com
e-mail: chemical@indofinechemical.com

CERTIFICATE OF ANALYSIS

Catalog Number:	06-280
Product Name:	**AVICULARIN** (Avicularoside; Fenicularin)
CAS Number:	[572-30-5]
Lot Number:	2410103
Chemical Formula:	$C_{20}H_{18}O_{11}$
Molecular Weight:	434.35
Appearance:	Yellow powder
Water Content:	2.2%
Storage:	Store in a cool, dry place
Purity(HPLC):	98.2%

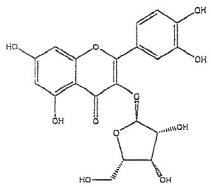


Prepared by:
Ramesh Mandadi
Ramesh Mandadi
Director of Operations

Reviewed and Approved by:
Sujata Moton
Sujata Moton
VP

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
website: www.indofinechemical.com
e-mail: chemical@indofinechemical.com



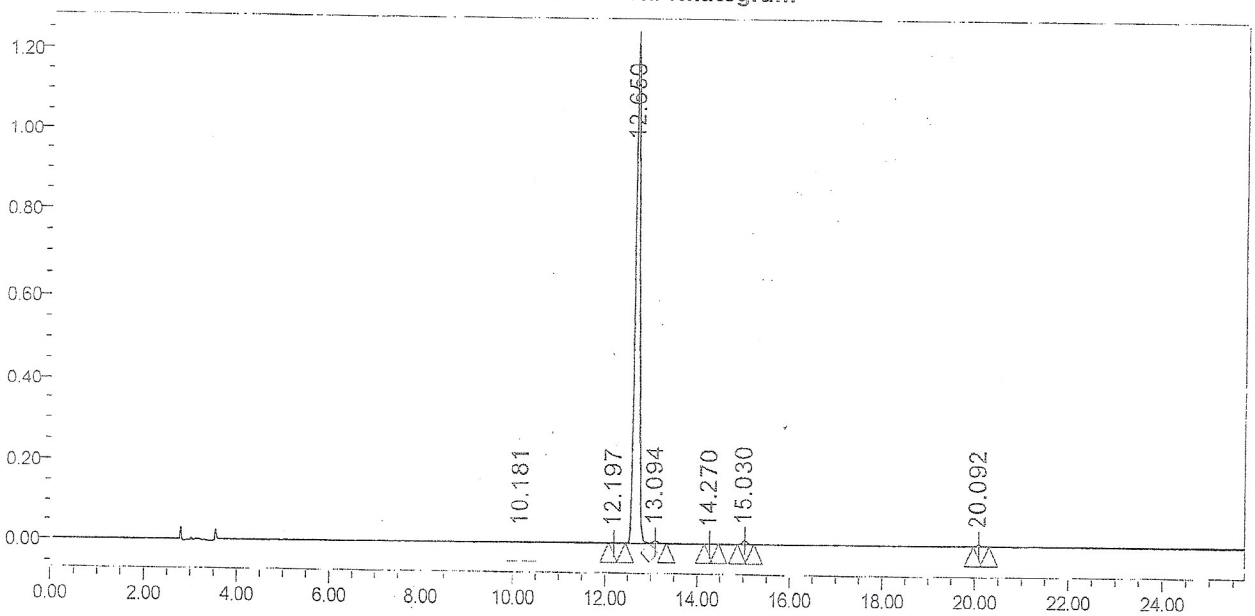
HPLC ANALYSIS

Catalog No.: 06-280
Product Name: Avicularin
Lot No.: 2410103

SAMPLE INFORMATION

Sample Name:	Avicularin	Acquired By:	
Sample Type:	Unknown	Sample Set Name	
Vial:	79	Acq. Method Set:	Avicularin
Injection #:	1	Processing Method	sample
Injection Volume:	10.00 ul	Channel Name:	PDA Ch1 352nm@4.8nm
Run Time:	30.0 Minutes	Proc. Chnl. Descr.:	PDA Ch1 352nm@4.8nm

Auto-Scaled Chromatogram



Peak Results

	Name	RT	Area	% Area	Height (μV)	USP Plate Count	USP Resolution
1		10.181	3692	0.04	554	54672.12	
2		12.197	4501	0.05	590	65801.85	10.04
3		12.650	8319115	98.17	1223206	79888.08	2.43
4		13.094	46773	0.55	6215	75877.54	2.35
5		14.270	4946	0.06	735	124458.42	6.43
6		15.030	67663	0.80	9871	107419.83	4.28
7		20.092	27441	0.32	5249	348734.39	31.38