



# 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](http://www.indofinechemical.com)

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## CERTIFICATE OF ANALYSIS

Catalog Number: 06-1088

Product Name: **PUNICALAGIN**

CAS Number: [65995-63-3]

Lot Number: 2404931

Chemical Formula:  $C_{48}H_{28}O_{30}$

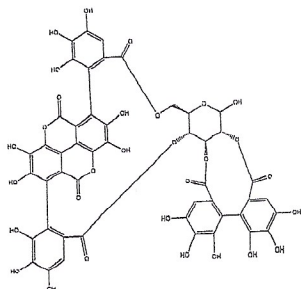
Molecular Weight: 1084.72

Appearance: Yellow powder

Water Content: 1.9%

Storage: Store in a cool, dry place. Protect from light.

Purity(HPLC): 98.9%



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

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



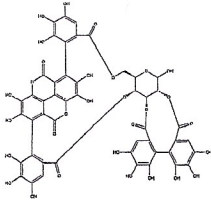
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## HPLC ANALYSIS

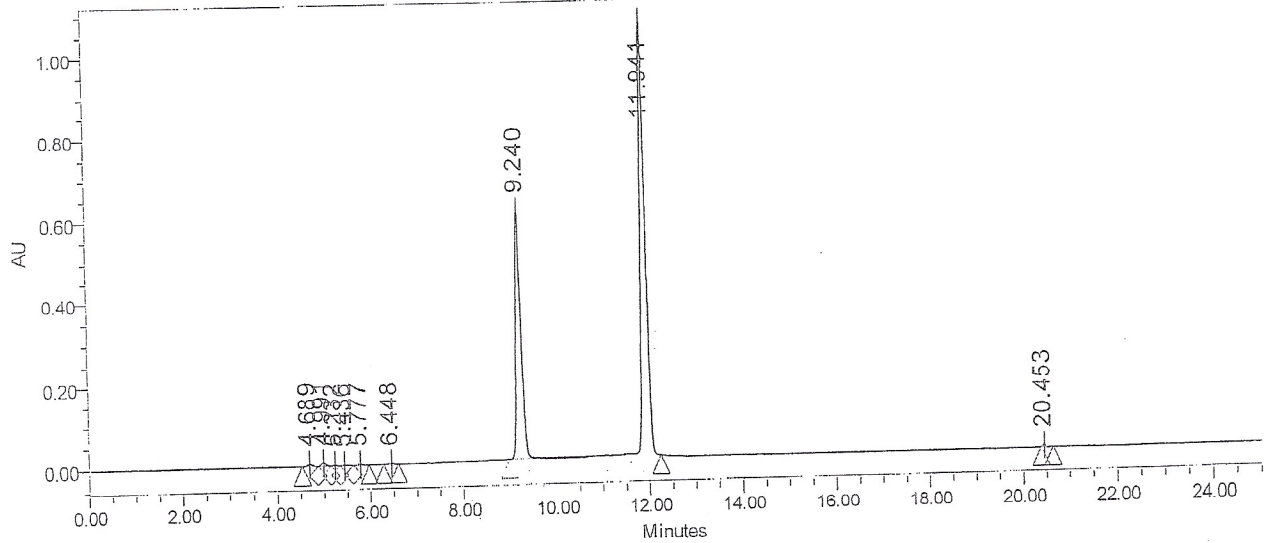
Catalog No.: 06-1088  
Product Name: Punicalagin  
Lot No.: 2404931

### SAMPLE INFORMATION

Sample Name: Punicalagin  
Sample Type: Unknown  
Vial: 71  
Injection #: 1  
Injection Volume: 5.00 ul  
Run Time: 25.0 Minutes

Acquired By:  
Sample Set Name  
Acq. Method Set: Punicalagin  
Processing Method: sample  
Channel Name: PDA Ch1 258nm@4.8nm  
Proc. Chnl. Descr.: PDA Ch1 258nm@4.8nm

Auto-Scaled Chromatogram



Peak Results

Name	RT	Area	% Area	Height (µV)	USP Plate Count	USP Resolution
1	4.689	33205	0.26	4560	10223.92	
2	4.991	48555	0.38	6729	11075.33	1.56
3	5.232	9928	0.08	1514	14318.68	1.27
4	5.436	6973	0.05	974	13444.58	1.08
5	5.777	12553	0.10	1898	18009.90	1.85
6	6.448	7346	0.06	1045	19216.03	3.65
7	9.240	4624145	36.08	607739	34403.00	14.18
8	11.941	8052425	62.83	1060489	57062.85	13.30
9	20.453	21830	0.17	6086	841487.66	57.91