



# 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: 06-1088

Product Name: **PUNICALAGIN**

CAS Number: [65995-63-3]

Lot Number: 1804940

Chemical Formula: C<sub>48</sub>H<sub>28</sub>O<sub>30</sub>

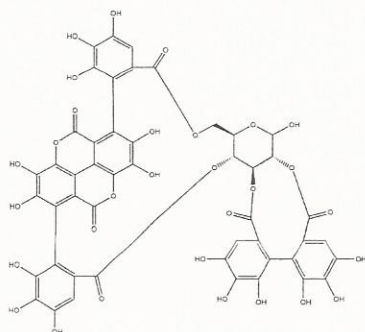
Molecular Weight: 1084.72

Appearance: Yellow powder

Loss on Drying: 3.5%

Storage: Store at 2-8°C, protect from light

Purity(HPLC): 98.0%





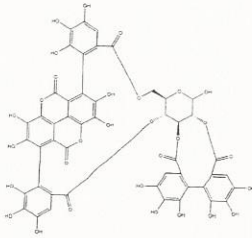
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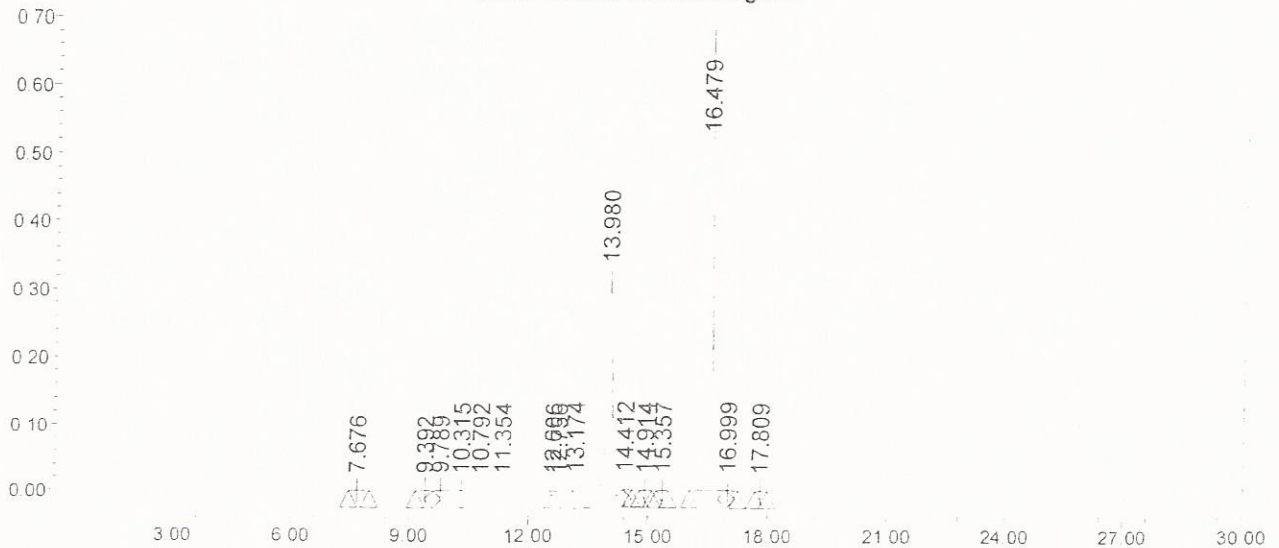
## HPLC ANALYSIS

Catalog No.: 06-1088  
Product Name: Punicalagin  
Lot No.: 1804940

### SAMPLE INFORMATION

Sample Name:	Punicalagin	Acquired By:	System
Sample Type:	Unknown	Sample Set Name:	
Vial:	70	Acq. Method Set:	Punicalagin
Injection #:	1	Processing Method:	Samples
Injection Volume:	10.00 ul	Channel Name:	258.0nm
Run Time:	30.0 Minutes	Proc. Chnl. Descr.:	PDA 258.0 nm

Auto-Scaled Chromatogram



### Peak Results

	RT	Area	% Area	USP Plate Count	USP Resolution
1	7.676	15979	0.18	9950.89	
2	9.392	19479	0.22	14214.32	5.24
3	9.789	20092	0.23	24311.92	1.36
4	10.315	6841	0.08	29479.52	2.08
5	10.792	8133	0.09	19668.25	1.52
6	11.354	6877	0.08	26588.58	1.72
7	12.606	6167	0.07		
8	12.756	5646	0.06		
9	13.174	26627	0.30	66855.66	
10	13.980	2904993	32.89	54896.53	3.56
11	14.412	14857	0.17		



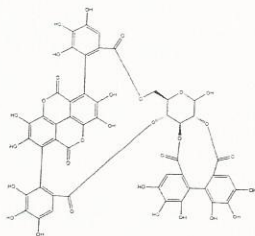
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## HPLC ANALYSIS

Catalog No.: 06-1088  
Product Name: Punicalagin  
Lot No.: 1804940

### Peak Results

	RT	Area	% Area	USP Plate Count	USP Resolution
12	14.914	6006	0.07	71684.01	
13	15.357	12443	0.14	67126.07	1.91
14	16.479	5750323	65.11	88231.59	4.83
15	16.999	17807	0.20		
16	17.809	8895	0.10	125981.08	