



# 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)

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

## CERTIFICATE OF ANALYSIS

Catalog Number: 028986

Product Name: **CAPSAICIN**  
(Capillarisin)

CAS Number: [404-86-4]

Lot Number: 2302754

Chemical Formula:  $C_{18}H_{27}NO_3$

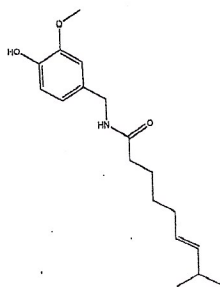
Molecular Weight: 305.42

Appearance: Off-white powder

Water Content: <0.1%

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

Purity(HPLC): 99.2%



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

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



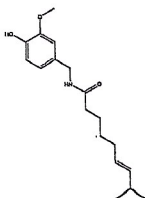
# INDOFINE Chemical Company, Inc.

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

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



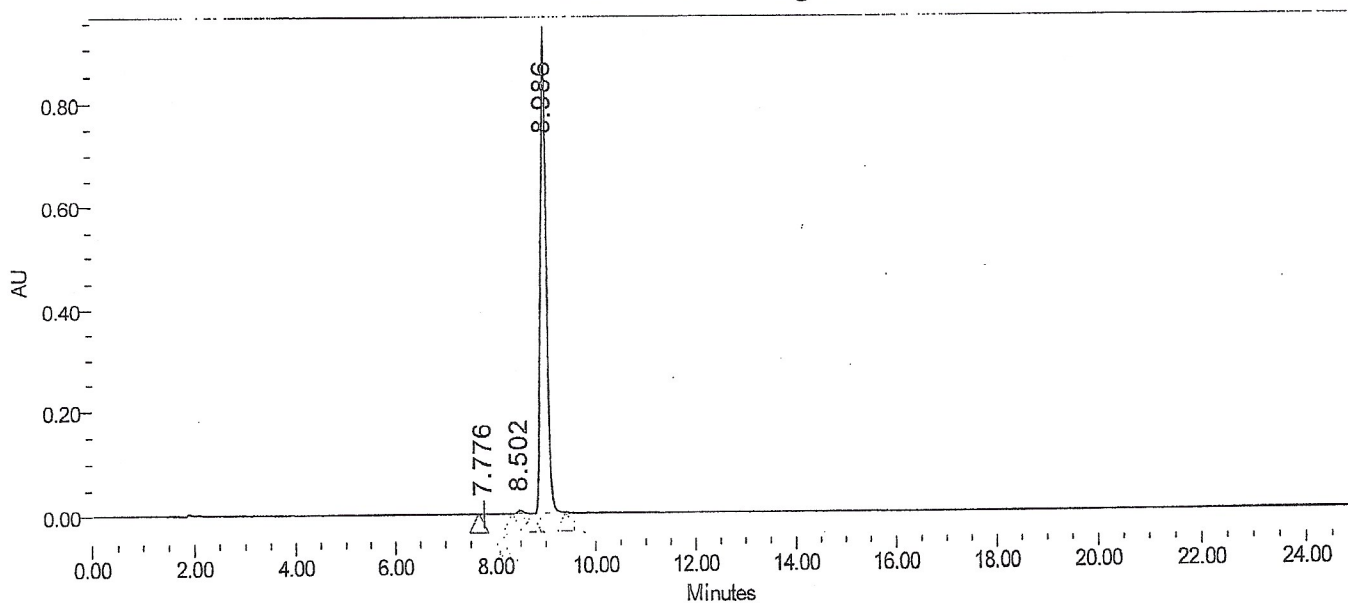
## HPLC ANALYSIS

Catalog No.: 028986  
Product Name: Capsaicin  
Lot No.: 2302754

### SAMPLE INFORMATION

Sample Name:	Capsaicin	Acquired By:	
Sample Type:	Unknown	Sample Set Name	
Vial:	21	Acq. Method Set:	Capsaicin
Injection #:	1	Processing Method	sample
Injection Volume:	5.00 ul	Channel Name:	PDA Ch1 280nm@4.8nm
Run Time:	25.0 Minutes	Proc. Chnl. Descr.:	PDA Ch1 280nm@4.8nm

Auto-Scaled Chromatogram



Peak Results

Name	RT	Area	% Area	Height (μV)	USP Plate Count	USP Resolution
1	7.776	4404	0.06	611	23865.10	
2	8.502	59022	0.78	7363	26320.74	3.66
3	8.986	7522176	99.16	915571	28771.94	2.25