

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

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

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**CERTIFICATE OF ANALYSIS**

Catalog Number: 028986

Product Name: **CAPSAICIN**  
(Capillarisin)

CAS Number: [404-86-4]

Lot Number: 2206687

Chemical Formula: C<sub>18</sub>H<sub>27</sub>NO<sub>3</sub>

Molecular Weight: 305.42

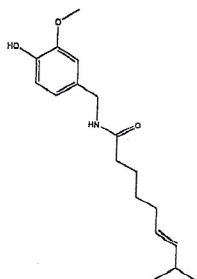
Appearance: Off-white powder

Water Content: 0.16%

Loss on Drying: 0.8%

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

Purity(HPLC): 99.4%



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

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



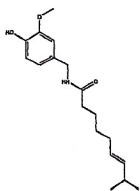
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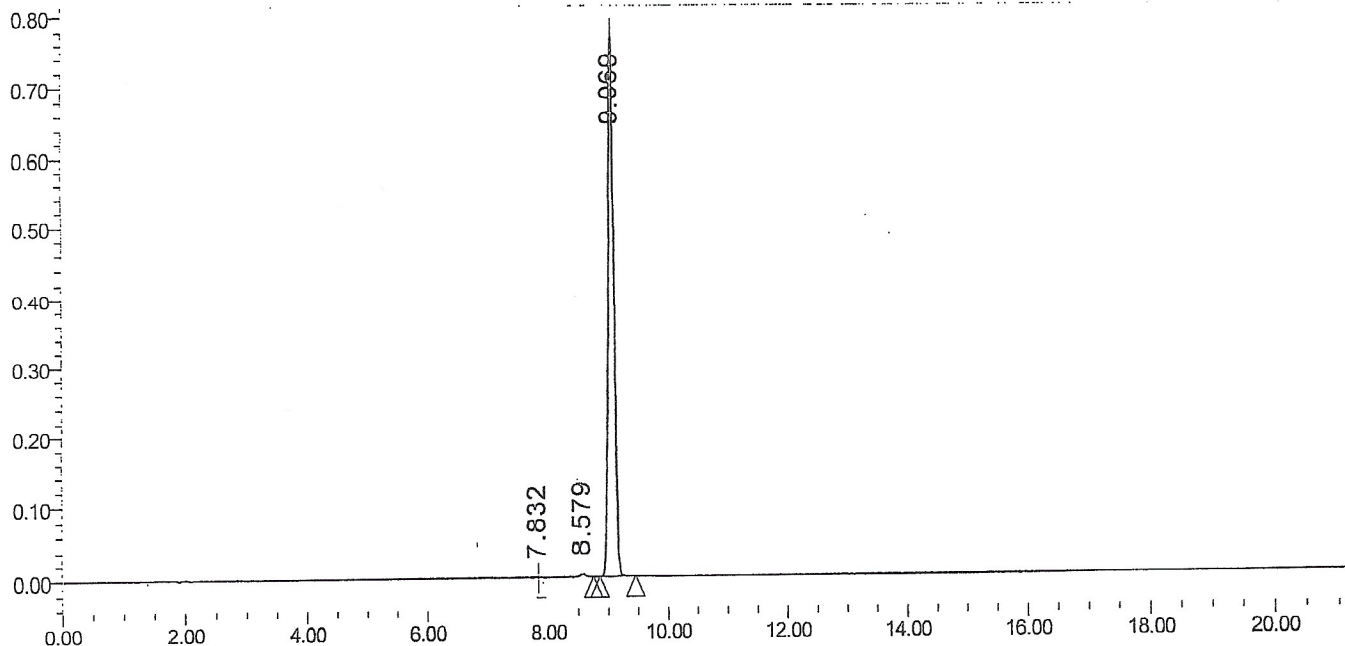
## HPLC ANALYSIS

Catalog No.: 028986  
Product Name: Capsaicin  
Lot No.: 2206687

### SAMPLE INFORMATION

Sample Name:	Capsaicin	Acquired By:	
Sample Type:	Unknown	Sample Set Name	
Vial:	33	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	7.832	2505	0.05	416	32584.43	
2	8.579	25919	0.51	4099	43097.31	4.40
3	9.069	5050465	99.44	774676	44291.58	2.84