



INDOFINE Chemical Company, Inc.

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Phone: (908) 359-6778 • FAX: (908) 359-1179

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CERTIFICATE OF ANALYSIS

Catalog Number: 028986

Product Name: **CAPSAICIN**
(Capillarisin)

CAS Number: [404-86-4]

Lot Number: 1704804

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

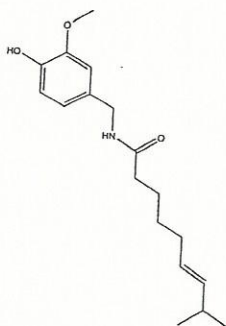
Molecular Weight: 305.42

Appearance: Off-white powder

Loss on Drying: 1.45%

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

Purity(HPLC): 99.78%





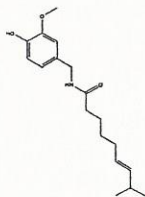
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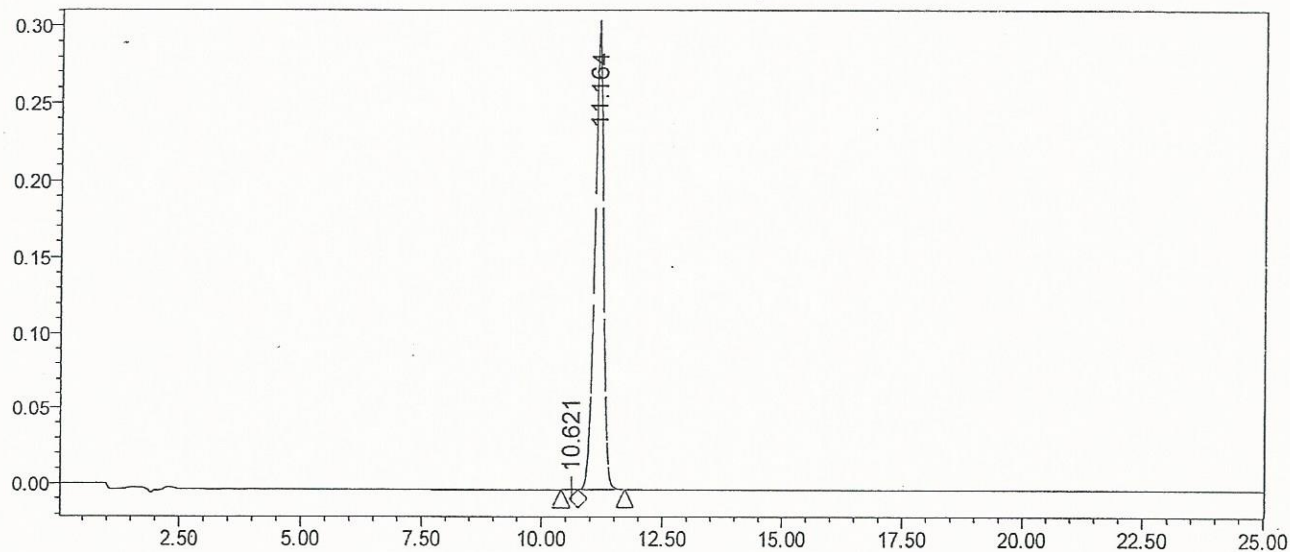
HPLC ANALYSIS

Catalog No.: 028986
Product Name: Capsaicin
Lot No.: 1704804

SAMPLE INFORMATION

| | | | |
|-------------------|--------------|---------------------|--------------|
| Sample Name: | Capsaicin | Acquired By: | System |
| Sample Type: | Standard | Sample Set Name: | |
| Vial: | 5 | Acq. Method Set: | Capsaicin |
| Injection #: | 1 | Processing Method: | Samples |
| Injection Volume: | 10.00 ul | Channel Name: | 280.0nm |
| Run Time: | 25.0 Minutes | Proc. Chnl. Descr.: | PDA 280.0 nm |

Auto-Scaled Chromatogram



Peak Results

| | RT | Area | % Area | USP Plate Count | USP Resolution |
|---|--------|---------|--------|-----------------|----------------|
| 1 | 10.621 | 8248 | 0.22 | 17264.25 | |
| 2 | 11.164 | 3780876 | 99.78 | 18579.47 | 1.62 |