



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: 027295S

Product Name: **SINIGRIN POTASSIUM SALT**
(2-Phenylethyl glucosinolate; Allyl glucosinolate)

CAS Number: [3952-98-5]

Lot Number: 2311873

Chemical Formula: C₁₀H₁₆KNO₉S₂

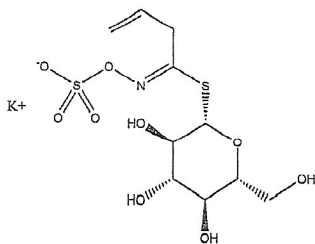
Molecular Weight: 397.45

Appearance: Off-white powder

Water Content: 0.8%

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

Purity(HPLC): 99.9%



Prepared by:
Ramesh Mandadi
Ramesh Mandadi
Director of Operations

Reviewed and Approved by:
Sujata Moton
Sujata Moton
VP



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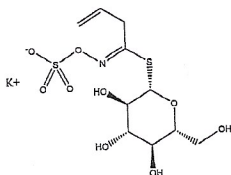
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HPLC ANALYSIS



Catalog No.: 027295S

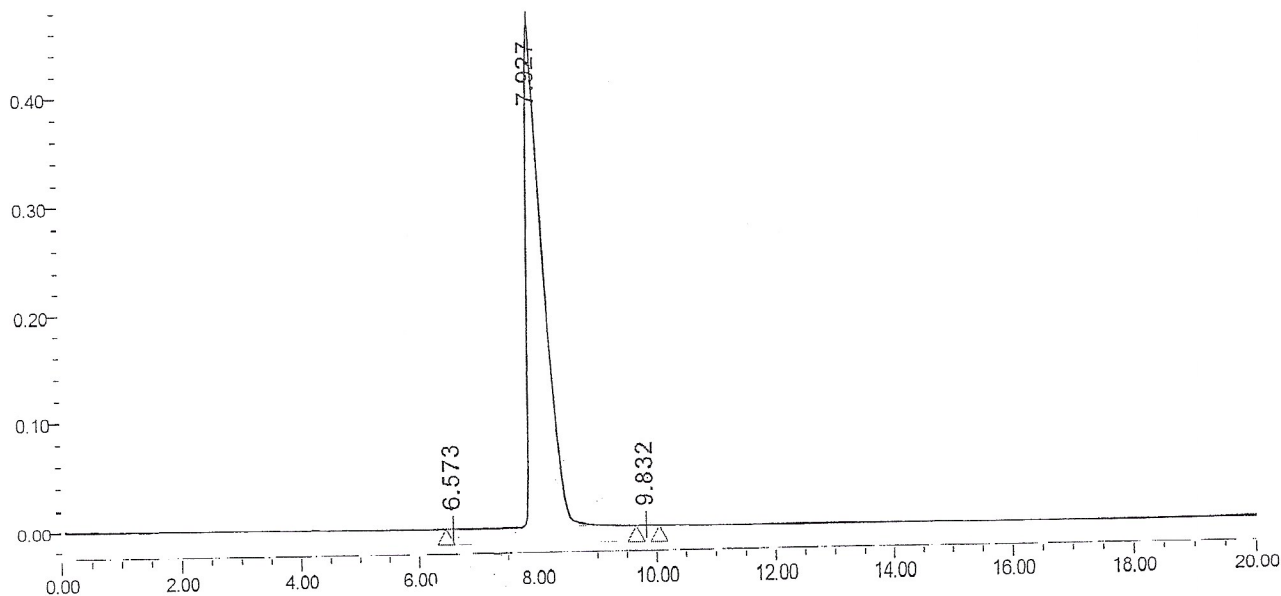
Product Name: Sinigrin potassium salt

Lot No.: 2311873

SAMPLE INFORMATION

| | | | |
|-------------------|--------------|---------------------|---------------------|
| Sample Name: | Sinigrin | Acquired By: | |
| Sample Type: | Unknown | Sample Set Name: | |
| Vial: | 7 | Acq. Method Set: | Sinigrin |
| Injection #: | 2 | Processing Method: | Sample |
| Injection Volume: | 10.00 ul | Channel Name: | PDA Ch1 228nm@4.8nm |
| Run Time: | 20.0 Minutes | Proc. Chnl. Descr.: | PDA Ch1 228nm@4.8nm |

Auto-Scaled Chromatogram



Peak Results

| Name | RT | Area | % Area | Height (µV) | USP Plate Count | USP Resolution |
|------|-------|---------|--------|-------------|-----------------|----------------|
| 1 | 6.573 | 2367 | 0.03 | 352 | 17805.51 | |
| 2 | 7.927 | 8809855 | 99.94 | 466950 | 3348.54 | 3.58 |
| 3 | 9.832 | 3304 | 0.04 | 274 | 13764.40 | 4.38 |

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