



# INDOFINE Chemical Company, Inc.

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## CERTIFICATE OF ANALYSIS

Catalog Number: 06-1198

Product Name: **SINAPINE THIOCYANATE**

CAS Number: [7431-77-8]

Lot Number: 1807999

Chemical Formula: C<sub>17</sub>H<sub>24</sub>N<sub>2</sub>O<sub>5</sub>S

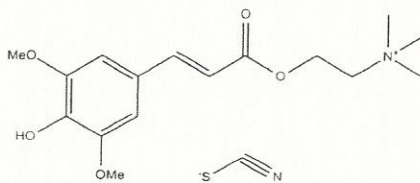
Molecular Weight: 368.45

Appearance: Off-white powder

Loss on Drying: 1.1%

Storage: Store at 2-8°C. Protect from light.

Purity(HPLC): 98.93%



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

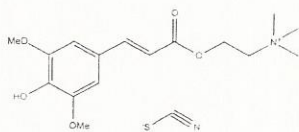
Reviewed and approved by:  
*Sujata Moton*  
S. Moton  
VP



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## HPLC ANALYSIS

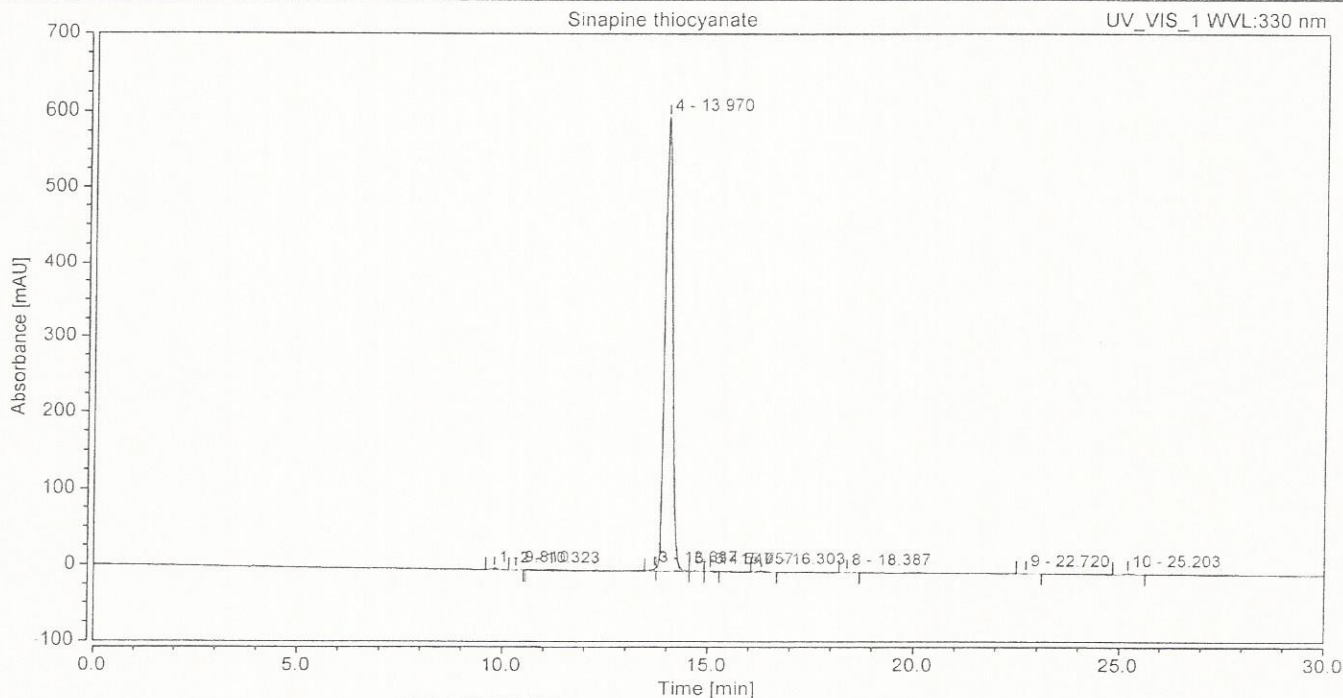


Catalog No.: 06-1198  
Product Name: Sinapine Thiocyanate  
Lot No.: 1807999

### Injection Details

Injection Name:	Sinapine thiocyanate	Run Time (min):	30.00
Vial Number:	RA6	Injection Volume:	10.00
Injection Type:	Unknown	Channel:	UV_VIS_1
Calibration Level:		Wavelength:	330
Instrument Method:	Sinapine thiocyanate	Bandwidth:	16
Processing Method:	Sinapine thiocyanate		

### Chromatogram



### Integration Results

No.	Retention Time min	Height mAU	Area mAU*min	Relative Area %	Plates (USP)	Resolution (USP)	Asymmetry
1	9.810	1.191	0.221	0.17	21080	15.96	1.57
2	10.323	0.180	0.026	0.02	n.a.	n.a	n.a
3	13.697	2.421	0.258	0.20	63858	1.00	n.a.
4	13.970	600.374	127.069	98.93	28835	0.63	1.36
5	14.547	0.419	0.096	0.08	1501	0.57	n.a
6	15.057	0.440	0.074	0.06	46589	4.09	n.a
7	16.303	1.246	0.257	0.20	37458	6.54	1.22
8	18.387	0.334	0.066	0.05	60210	13.92	1.18
9	22.720	0.406	0.087	0.07	79214	7.00	1.40
10	25.203	1.245	0.293	0.23	67998	n.a	1.24
Total:		608.257	128.446	100.00			7.96

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