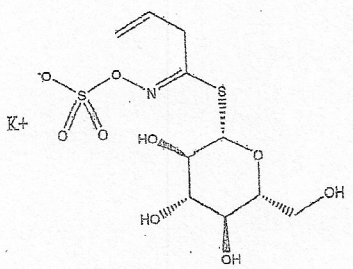
INDOFINE Chemical Company, Inc.

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
e-mail: chemical@indofinechemical.com

CERTIFICATE OF ANALYSIS

Catalog Number:	027295S
Product Name:	**SINIGRIN POTASSIUM SALT** (2-Phenylethyl glucosinolate; Allyl glucosinolate)
CAS Number:	[3952-98-5]
Lot Number:	2603235
Chemical Formula:	$C_{10}H_{16}KNO_9S_2$
Molecular Weight:	397.45
Appearance:	White powder
Water Content:	0.2%
Storage:	Store in a cool, dry place. Protect from light.
Purity(HPLC):	99.59%

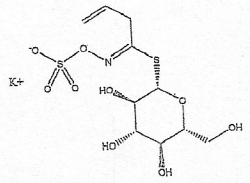


Prepared by:
Ramesh Mandadi
Ramesh Mandadi
Director of Operations

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
e-mail: chemical@indofinechemical.com



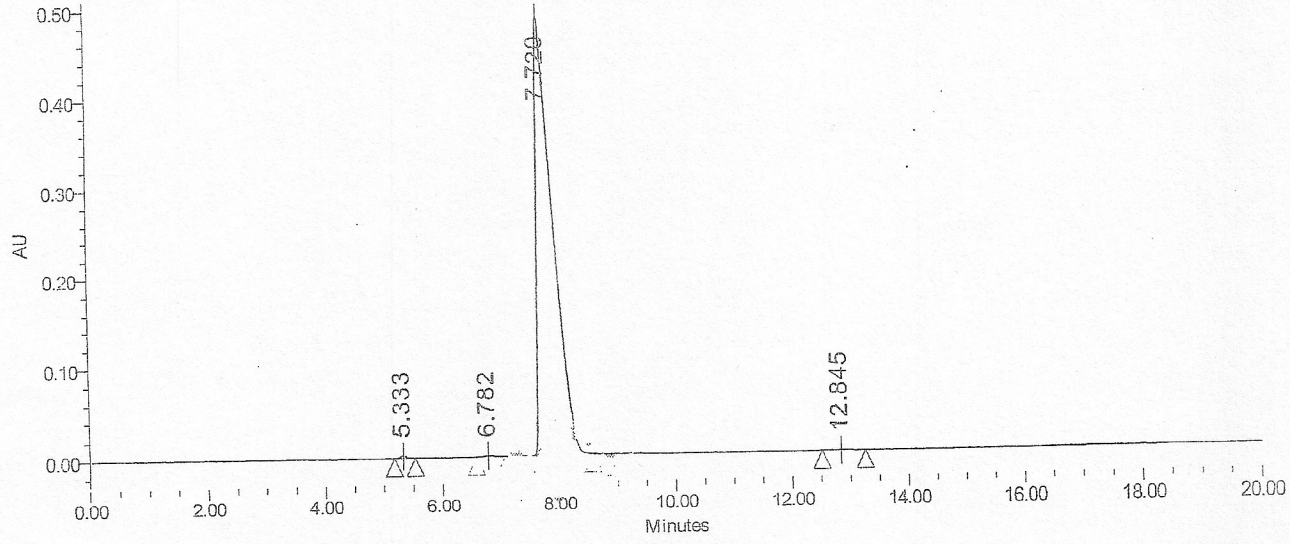
HPLC ANALYSIS

Catalog No.: 027295S
Product Name: Sinigrin Potassium Salt
Lot No.: 2603235

SAMPLE INFORMATION

Sample Name:	Sinigrin	Acquired By:	
Sample Type:	Unknown	Sample Set Name	
Vial:	39	Acq. Method Set:	Sinigrin
Injection #:	1	Processing Method	samples
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		5.333	17726	0.19	2458	12611.27	
2		6.782	13351	0.14	1245	8834.89	5.96
3		7.720	9429781	99.59	488688	2891.80	2.14
4		12.845	7401	0.08	343	5579.99	8.51

Prepared by:
Ramesh Mandadi
Ramesh Mandadi
Director of Operations

Reviewed and Approved by:
Sujata Moton
Sujata Moton
VP