



# INDOFINE Chemical Company, Inc.

121 Stryker Lane, Bldg. 30  
Hillsborough, NJ 08844 USA  
Phone: (908) 359-6778; Fax: (908) 359-1179

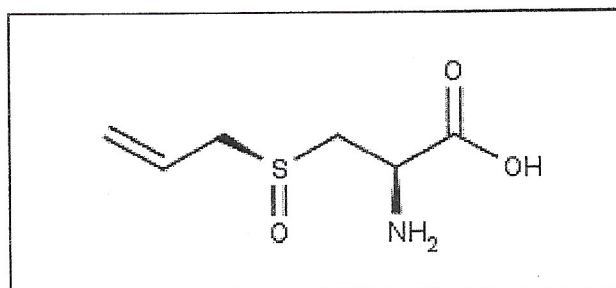
## Certificate Of Analysis

027253S

ALLIIN

Lot No.: 22032216

CAS RN	556-27-4
MOL FORMULA	C <sub>6</sub> H <sub>11</sub> NO <sub>3</sub> S
MOL WEIGHT	177,23



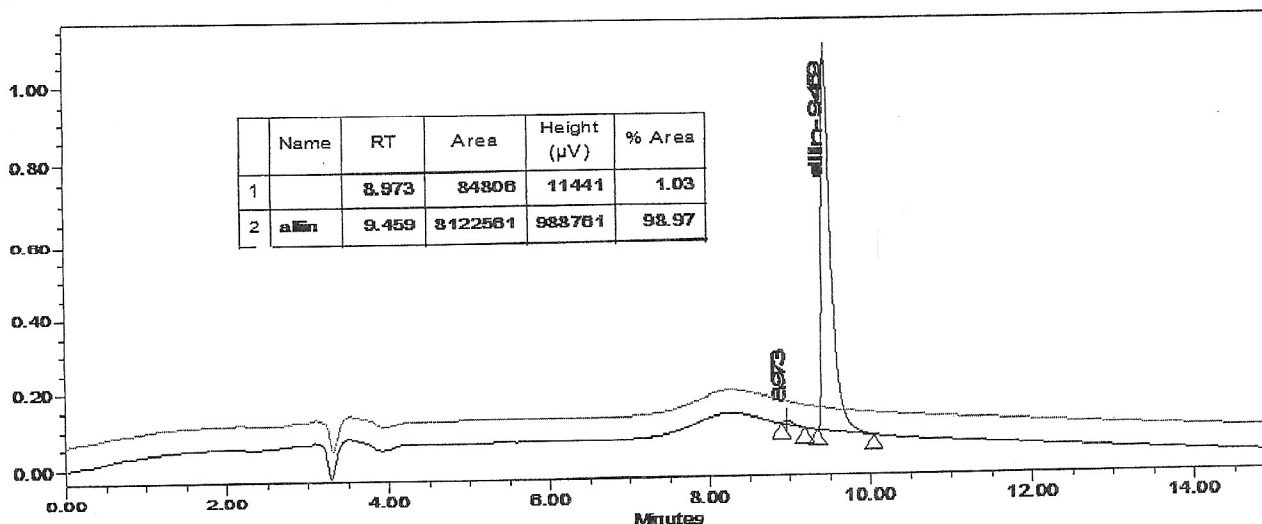
TEST	METHOD	UNIT	SPECIFICATION	RESULT
Appearance	Visual		White to beige powder	Conform
Chirality	Optical rotation	°	[α] <sub>D</sub> = + ( 61 +/-2) c=0,1 in water, 20°C	+ 59
Water content	KF	% w/w		1,9
Residual solvents	GC-HS	% w/w		0,2
Inorganics	ICP-MS	% w/w		< 0,1
Purity	HPLC	% area	≥ 98,0	99,0
Assay	Calculated (*)	% w/w		96,9

(\*) Assay = Purity by HPLC x (100 - %water - %solvents - %inorganics)

### CHROMATOGRAPHIC PURITY / HPLC

Column : HYPERCARB 3 X 150 mm 5µm  
 Mobile phase : Gradient B from 0 to 16% in 10min then 100% in 2 min  
 A = Water +0,1% TFA / B =ACN  
 Detection : UV 210 nm

Temperature : 30°C  
 Flow rate : 0,3 ml/min  
 injection volume : 5 µl  
 Injection solvent : water



LONG TERM STORAGE : Below 8°C in a dry and dark place

TRANSPORT CONDITIONS : Ambient temperature