



# 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](http://www.indofinechemical.com)

e-mail: [chemical@indofinechemical.com](mailto:chemical@indofinechemical.com)

## CERTIFICATE OF ANALYSIS

Catalog Number: 06-2904

Product Name: N-(3-ACETOACETAMIDOPROPYL)METHACRYLAMIDE

CAS Number: [71938-39-1]

Chemical Formula: C<sub>11</sub>H<sub>18</sub>N<sub>2</sub>O<sub>3</sub>

Molecular Weight: 226.27

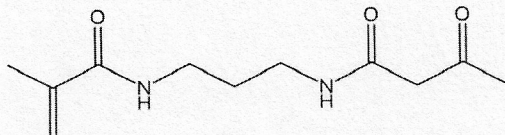
Lot Number: 2307830

Appearance: White powder

Hydroquinone level: 0.00%

Storage: Store in a cool, dry place

Purity(HPLC): 96.51%



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

Reviewed and Approved by:  
*Sujata Moton*  
Sujata Moton  
VP



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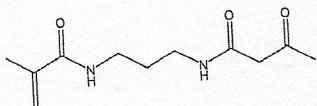
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## HPLC ANALYSIS



Catalog No.: 06-2904

Product Name: N-(3-Acetoacetamidopropyl)methacrylamide

Lot No.: 2307830

Mobile Phase A: Acetonitrile

Mobile Phase B: 0.1% H3PO4/Water

Gradient programme (T/%A): 0/10, 4/10, 14/45, 25/45, 30/10

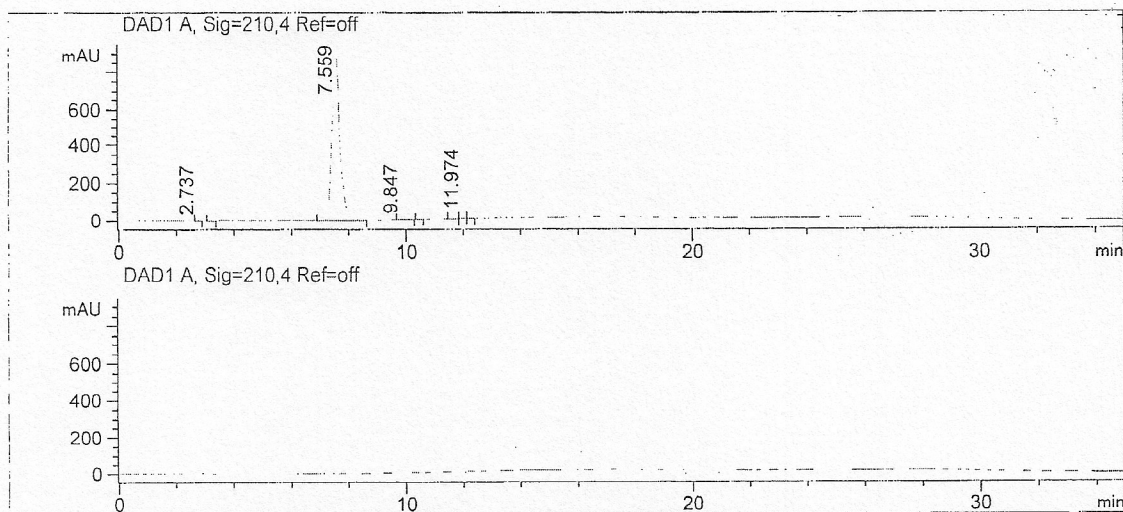
Flow rate: 1.0ml/min

Column temp: 40°C

Sample Concentration: 1mg/ml Mobile phase

Injection volume: 10ul

Column: Kromasile C18 250\*4.6mm 5um 100A



Signal 1: DAD1 A, Sig=210,4 Ref=off

Peak #	RT [min]	Type	Width [min]	Height	Area	Area %
1	2.737	BB	0.063	3.101	12.983	0.074
2	3.130	BV	0.058	13.548	53.495	0.305
3	7.559	BB	0.291	901.802	1.693e4	96.507
4	9.847	MM	0.266	4.170	66.672	0.380
5	10.492	MM	0.107	2.374	15.173	0.086
6	11.610	MF	0.104	33.049	206.955	1.180
7	11.974	MF	0.093	20.703	115.891	0.661
8	12.239	FM	0.079	29.753	141.500	0.807

Prepared by:

Ramesh Mandadi

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Director of Operations

Reviewed and Approved by:

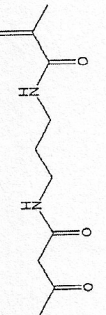
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Catalog No.: 06-2904  
Product Name: N-(3-Acetoacetamidopropyl)methacrylamide  
Lot No.: 2307830

