



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

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CERTIFICATE OF ANALYSIS

Catalog Number 06-148

Product Name: **3-OXO-OLEAN-12-EN-28-OIC ACID**
(Oleanonic acid)

CAS Number: [17990-42-0]

Lot Number: 2210713

Chemical Formula: C₃₀H₄₆O₃

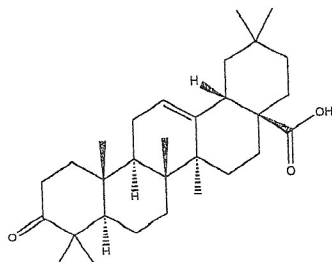
Molecular Weight: 454.70

Appearance: Off-white powder

Water Content: 0.9%

Storage: Store in a cool, dry place

Purity(HPLC): 98.1%



Prepared by:
Ramesh Mandadi
Ramesh Mandadi
Director of Operations

Reviewed and Approved by:
Sujata Moton
Sujata Moton
VP



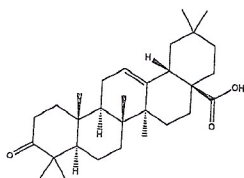
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HPLC ANALYSIS

Catalog No.: 06-148

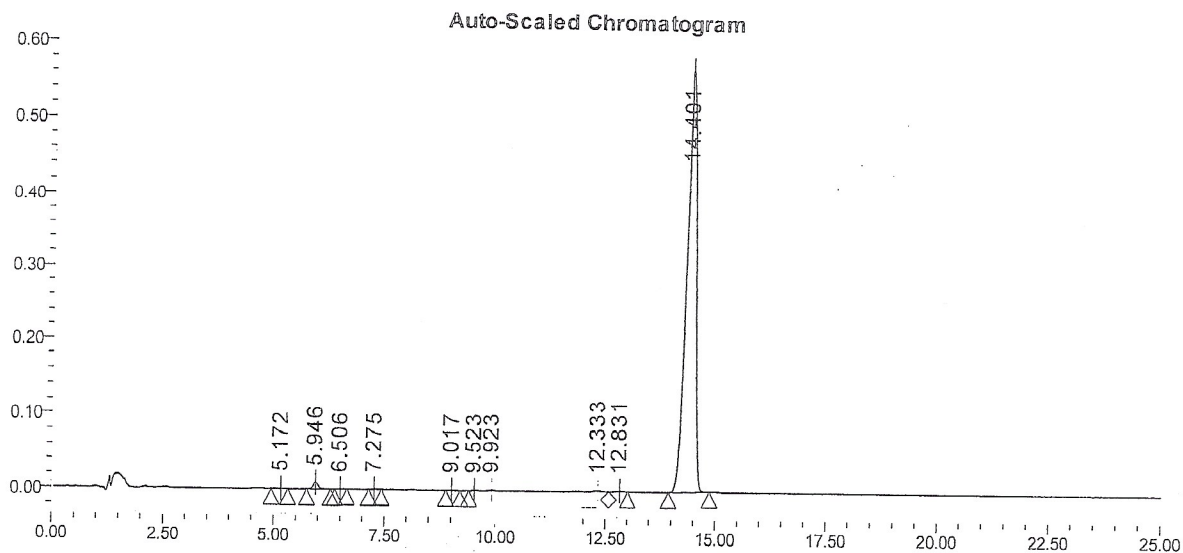
Product Name: Oleanonic acid

Lot No.: 2210713

SAMPLE INFORMATION

Sample Name: Oleanonic acid
Sample Type:
Vial: 25
Injection #: 1
Injection Volume: 10.00 ul
Run Time: 25.0 Minutes

Acquired By:
Sample Set Name
Acq. Method Set: Oleanonic acid
Processing Method: sample



Peak Results

	RT	Area	% Area	Height	Plate Count	Resolution	Asymmetry
1	5.172	10406	0.12	915	3137.69		0.81
2	5.946	73460	0.86	8750	13790.82	3.38	1.27
3	6.506	5152	0.06	679	7610.58	2.51	0.84
4	7.275	9062	0.11	1021	15801.85	3.62	1.10
5	9.017	5456	0.06	636	11134.55	10.18	1.18
6	9.523	7884	0.09	826	13243.73	2.48	1.26
7	9.923	14200	0.17	1321	16359.06	1.34	0.94
8	12.333	20531	0.24	1657	31173.32	7.19	
9	12.831	14099	0.16	1138	23141.60	1.40	
10	14.401	8400847	98.13	568687	21967.59	4.04	0.88