



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: 024995S

Product Name: **CYNARIN with HPLC**
(1,3-Dicaffeoylquinic acid)

CAS Number: [30964-13-7]

Lot Number: 2006424

Chemical Formula: $C_{25}H_{24}O_{12}$

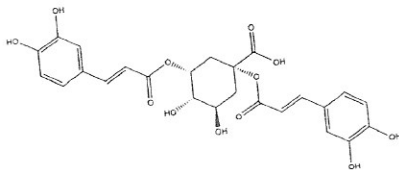
Molecular Weight: 516.46

Appearance: Light gray powder

Water Content: 2.47%

Storage: Store in a cool, dry and dark place.

Purity(HPLC): 98.50%



Prepared by:
Ramesh Mandadi
Ramesh Mandadi
Director of Operations

Reviewed and approved by:
Sujata Moton
S. Moton
VP



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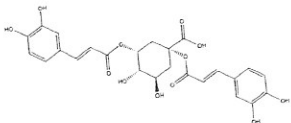
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HPLC ANALYSIS



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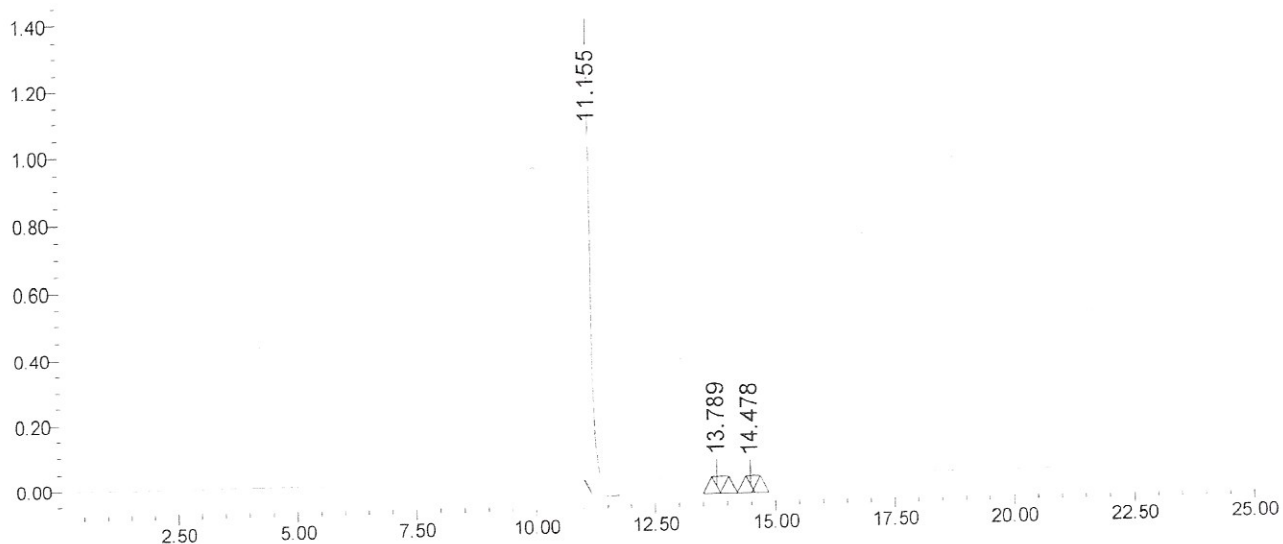
Product Name: Cynarin

Lot No.: 2006424

SAMPLE INFORMATION

Sample Name:	1,3-Dicaffeoylquinic acid	Acquired By:	prf01
Sample Type:		Sample Set Name:	
Vial:	25	Acq. Method Set:	1 3 Dicaffeoylquinic acid
Injection #:	1	Processing Method:	sample
Injection Volume:	5.00 ul	Channel Name:	320.0
Run Time:	25.0 Minutes	Proc. Chnl. Descr.:	PDA 320.0

Auto-Scaled Chromatogram



Peak Results

	RT	Area	% Area	USP	USP
1	11.155	7244152	98.50	1373712	112606.24
2	13.789	65639	0.89	12115	169154.50
3	14.478	44318	0.60	7797	186975.36

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