



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

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CERTIFICATE OF ANALYSIS

Catalog Number: 020455S

Product Name: **RHEIN with HPLC**
(Monorhein ; 1,8-Dihydroxyanthraquinone-3-carboxylic acid)

CAS Number: [478-43-3]

Lot Number: 1511704

Chemical Formula: C₁₅H₈O₆

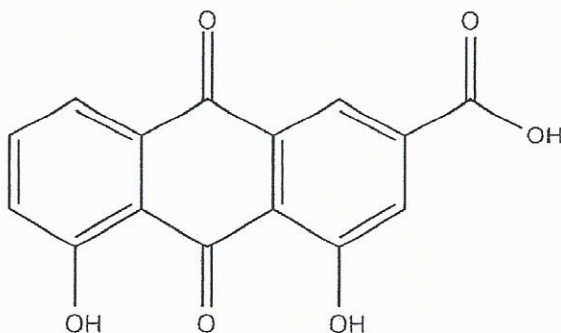
Molecular Weight: 284.23

Appearance: Yellow powder

Loss on Drying: 0.9%

Storage: Store in a cool, dry place. Protect from light.

Purity(HPLC): 98.6%



ICC **INDOFINE Chemical Company, Inc.**

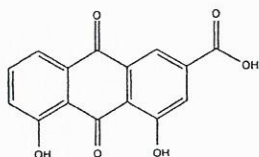
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HPLC ANALYSIS



Catalog No.: 020455S

Product Name: Rhein

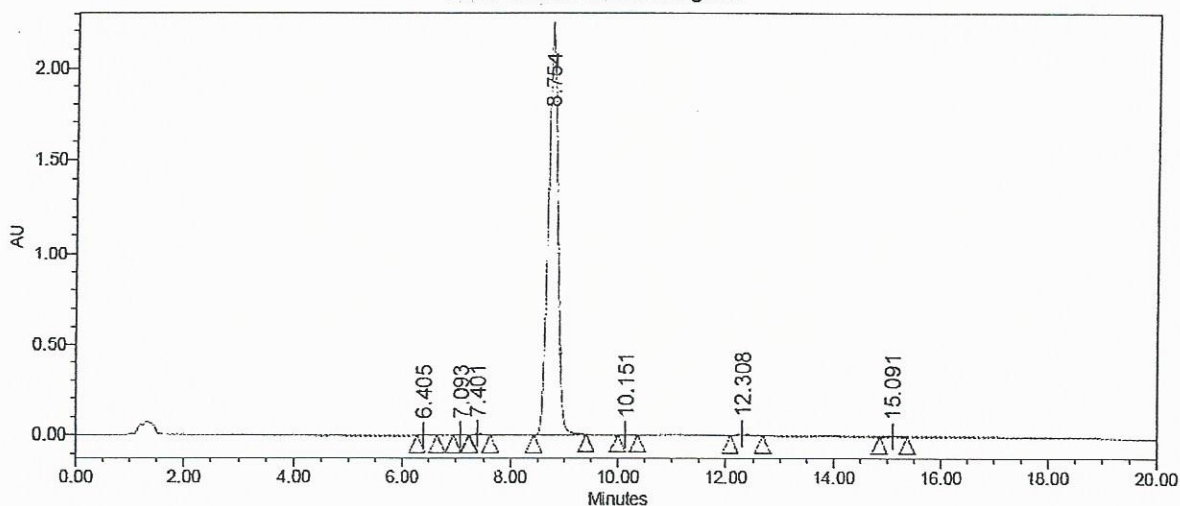
Lot No.: 1511704

SAMPLE INFORMATION

Sample Name: Rhein
Sample Type: Unknown
Vial: 1:B,1
Injection #: 1
Injection Volume: 10.00 ul
Run Time: 20.0 Minutes

Sample Set Name:
Acq. Method Set: Rhein
Processing Method: Samples
Channel Name: 254.0nm
Proc. Chnl. Descr.: PDA 254.0 nm

Auto-Scaled Chromatogram



Peak Results

Name	RT	Area	% Area	USP Plate Count	USP Resolution
1	6.405	17980	0.06	6140.19	
2	7.093	17746	0.06	14281.92	2.65
3	7.401	91174	0.32	8412.31	1.11
4	8.754	28311605	98.60	9952.56	4.01
5	10.151	27152	0.09	13619.07	4.23
6	12.308	194317	0.68	14647.52	6.11
7	15.091	54797	0.19	20315.65	6.96