



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

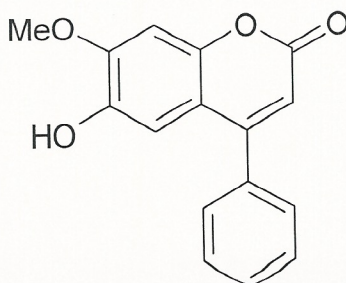
website: www.indofinechemical.com

e-mail: chemical@indofinechemical.com

CERTIFICATE OF ANALYSIS

Cat. No.: 19-865

<u>Product:</u>	6-HYDROXY-7-METHOXY-4-PHENYLCOUMARIN (Dalbergin)
<u>CAS No.:</u>	[482-83-7]
<u>Lot No.:</u>	0505041
<u>Appearance:</u>	Light yellow powder
<u>Molecular Formula:</u>	C ₁₆ H ₁₂ O ₄
<u>Molecular Weight:</u>	268.27
<u>Melting Point:</u>	211-214.3°C
<u>TLC:</u>	Benzene:Methanol (9.8 : 0.2)
<u>Solubility:</u>	Soluble in DMSO
<u>NMR Spectrum:</u>	Enclosed
<u>IR Spectrum:</u>	Enclosed
<u>Purity (HPLC):</u>	99.4%





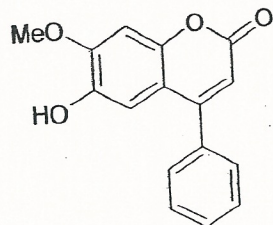
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HPLC ANALYSIS

Catalog no.: 19-865

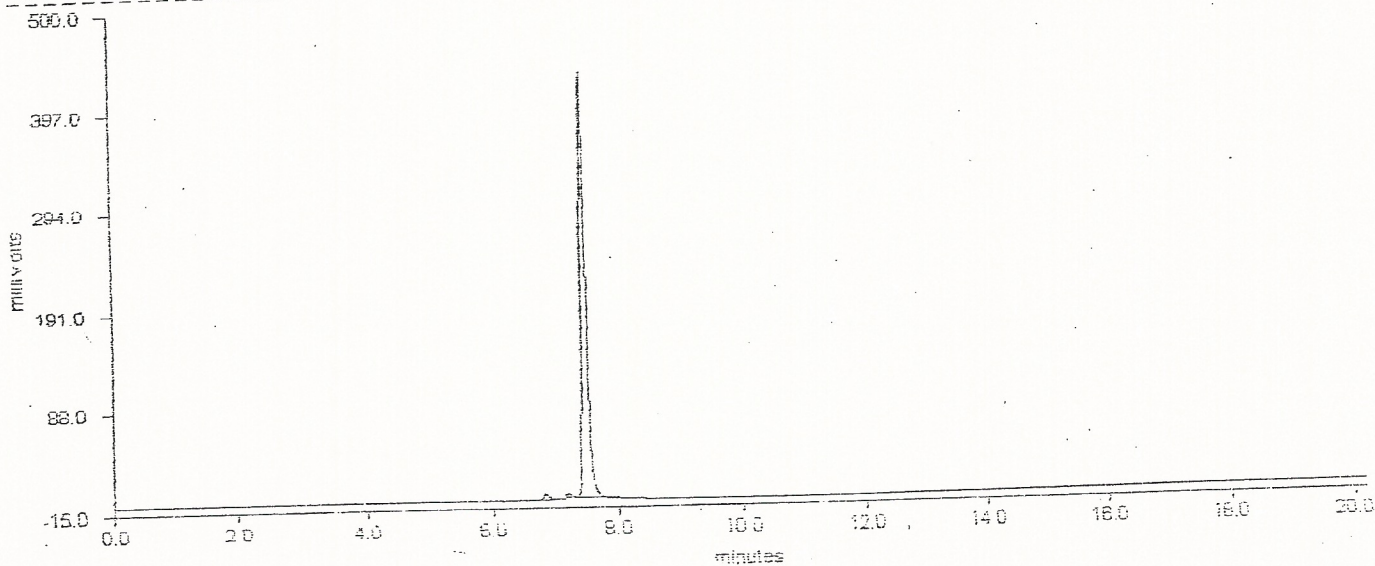
Product name: 6-Hydroxy-7-methoxy-4-phenylcoumarin

Lot No.: 0505041

MOBILE PHASE : 80ml Methanol + 20ml Water, COLUMN : C18(250mmx4.6mm),
FLOW RATE : 1ml/min, WAVE LENGTH : 254nm

DELTA CHROMATOGRAPHY DATA SYSTEM

STRIPCHART PLOT FOR CHROMATOGRAM - c:\deltaw\data\np04021.raw



DELTA CHROMATOGRAPHY DATA SYSTEM

LISTING PEAK TABLE FOR CHROMATOGRAM - c:\deltaw\data\np04021.raw.RAW

#	Type Name	Ret.Time	Area(uVSec)	Height(mV)	Area Percent
1	MM	6.84	7258	3.3	0.3
2	MM	7.24	7328	1.8	0.3
3	MM	7.48	2374838	431.9	99.4



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Lot No.: 0505041

