



# 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

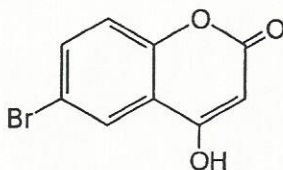
website: [www.indofinechemical.com](http://www.indofinechemical.com)

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

## CERTIFICATE OF ANALYSIS

Cat No.: 17-027

<u>Product:</u>	6-BROMO-4-HYDROXYCOUMARIN
<u>CAS Number:</u>	[4139-61-1]
<u>Lot Number:</u>	0808049
<u>Molecular Formula:</u>	C <sub>9</sub> H <sub>5</sub> BrO <sub>3</sub>
<u>M.W.:</u>	241.04
<u>Melting Point:</u>	283-285°C
<u>Appearance:</u>	Off white powder
<u>Solubility:</u>	Clear solution in DMSO
<u>TLC:</u>	Hexane : Ethyl acetate (7:3) single compound
<u>Assay (HPLC):</u>	99.01%





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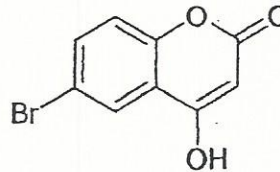
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Acquired by : Ramana  
Sample Name : 6-Bromo-4-Hydroxy coumarin  
Sample ID :  
Injection Volume : 20 uL  
Data File name : 140708E.lcd  
Method filename : Linear Gradient.M.lcm

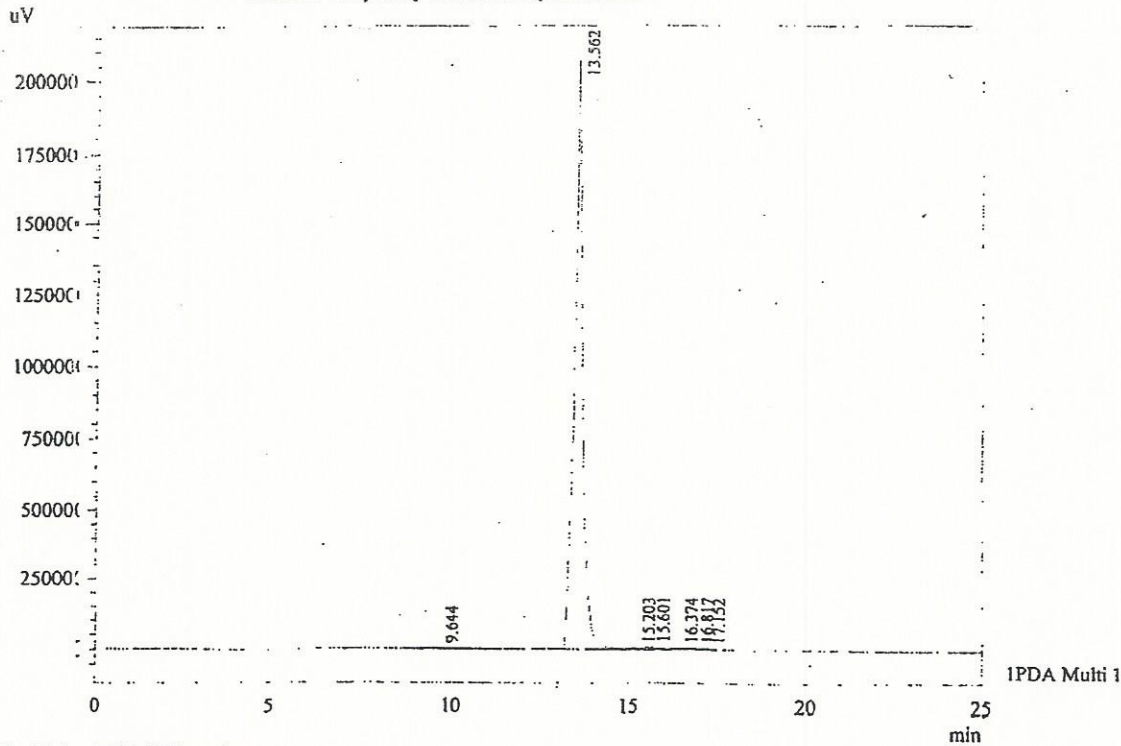


17-027  
Lot No.: 0808049

6-Bromo-4-hydroxy coumarin

Description:  
Column : Inertsil C-18, 250X4.6mm 5.0µm  
Flow : 1.000mL/min.  
Mobile phase : A(Water 0.05%TFA) : B(ACN)  
00.00 : 90 : 10  
12.00 : 10 : 90  
20.00 : 10 : 90  
23.00 : 90 : 10

Chromatogram  
6-Bromo-4-Hydroxy coumarin D:apromonence



1 PDA Multi 1 / 254nm 4nm

PeakTable

PDA Ch: 254nm 4nm

Peak#	Ret. Time	Area	Height	Area %
	9.644	64576	1822	0.189
	13.562	3383233	2074856	99.008
	15.203	68501	4080	0.200
	15.601	153059	6447	0.389
	16.374	8050	2880	0.111
	16.817	29768	2111	0.087
	17.152	5060	353	0.015
Tot:		34172246	2092549	100.000



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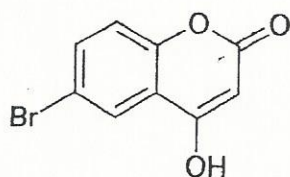
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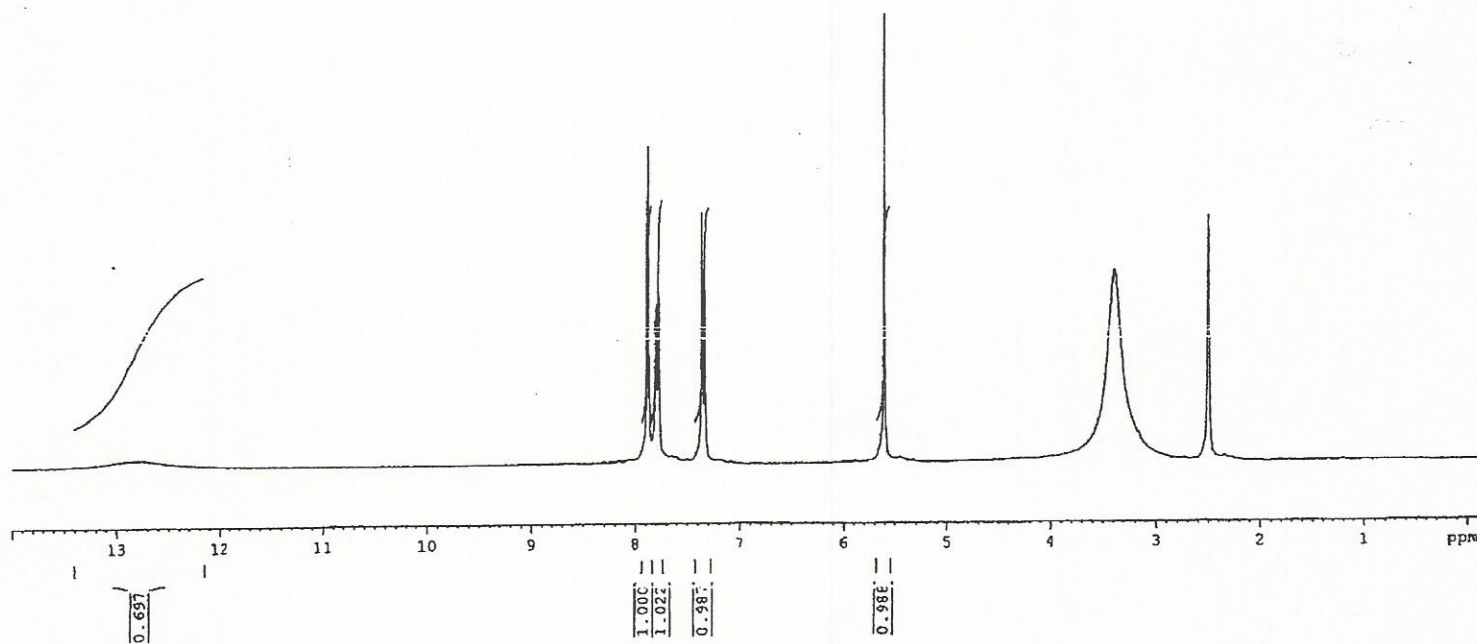
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