



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

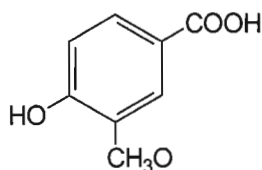
website: www.indofinechemical.com

e-mail: chemical@indofinechemical.com

CERTIFICATE OF ANALYSIS

Cat No.: 01-909

<u>Product:</u>	4-HYDROXY-3-METHOXYBENZOIC ACID (Vanillic acid)
<u>CAS Number:</u>	[121-34-6]
<u>Lot Number:</u>	0812085
<u>Molecular Formula:</u>	C ₈ H ₈ O ₄
<u>Molecular Weight:</u>	168.15
<u>Melting Point:</u>	213.5-215°C
<u>Appearance:</u>	Off White powder
<u>Solubility:</u>	Soluble in Chloroform:Methanol (9:1)
<u>Purity (HPLC):</u>	99.11%





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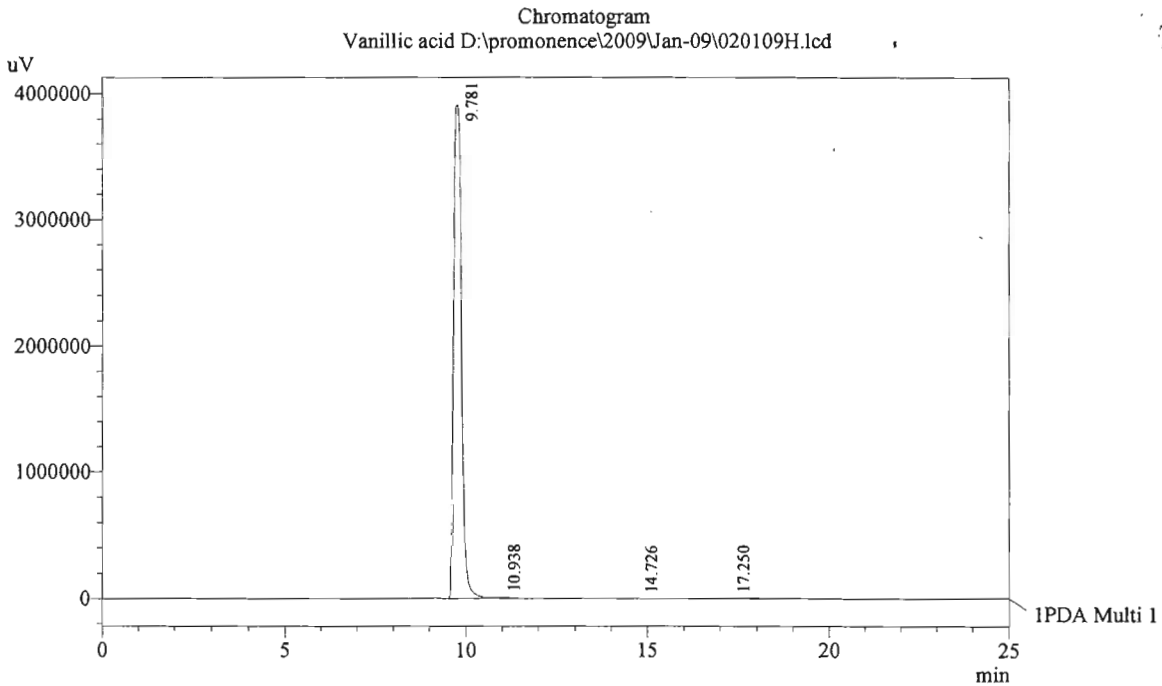
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Cat. No.: 01-909
Name: Vanillic acid
Lot No.: 0812085

Date Acquired : 1/2/2009 4:50:40 PM
Acquired by : Ramana
Sample Name : Vanillic acid
Sample ID : Indofine (Lot No.0812085)
Injection Volume : 20 uL
Data Filename : 020109H.lcd
Method Filename : Linear Gradient.M.lcm

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



1 PDA Multi 1 / 254nm 4nm

PeakTable

PDA Ch1 254nm 4nm

Peak#	Ret. Time	Area	Height	Area %
1	9.781	58306583	3907949	99.116
2	10.938	205668	11126	0.350
3	14.726	151888	5737	0.258
4	17.250	162630	8944	0.276
Total		58826768	3933756	100.000