



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

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CERTIFICATE OF ANALYSIS

Catalog Number: H-032

Product: **2-HYDROXY-3-METHOXYBENZALDEHYDE**
(O-Vanillin)

CAS Number: [148-53-8]

Lot Number: 0902014

Chemical Formula: C₈H₈O₃

Molecular Weight: 152.15

Melting Point: 45.7-47.2°C

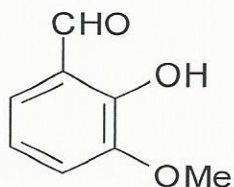
Appearance: Light yellow powder

Solubility: Soluble in chloroform

TLC: Chloroform:Methanol (9.5:0.5)

Storage: Store in a cool, dry place

Purity(HPLC): 99.11%





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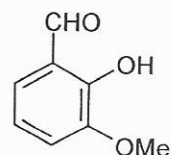
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HPLC ANALYSIS

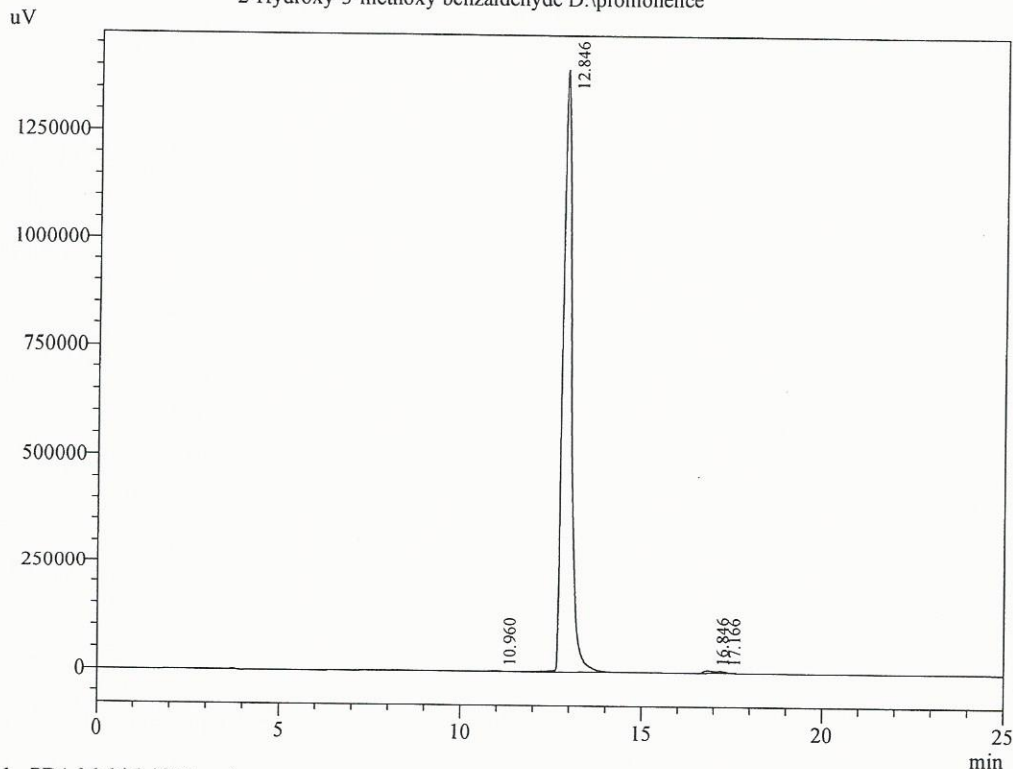
Acquired by : Ramana
Sample Name : 2-Hydroxy-3-methoxy benzaldehyde
Sample ID : Indofine (Lot No.0902014)
Injection Volume : 20 uL
Data Filename : 240309B.lcd
Method Filename : Linear Gradient.M.lcm

Catalog No.: H-032
Product Name: 2-Hydroxy-3-methoxybenzaldehyde (o-Vanillin)
Lot No.: 0902014

Description:
Column : Inertsil C-18, 250X4.6mm 5.0µm
Flow : 1.000mL/min.
Mobile Phase : A(Water 0.05% TFA) : B(ACN)
00.01 : 90 : 10
12.00 : 10 : 90
25.00 : 10 : 90
28.00 : 90 : 10



Chromatogram
2-Hydroxy-3-methoxy benzaldehyde D:\promonence



IPDA Multi 1

I PDA Multi 1 / 254nm 4nm

PeakTable
Ch1 254nm 4nm

Peak#	Ret. Time	Area	Height	Area %
1	10.960	26715	1609	0.112
2	12.846	23673354	1391823	99.113
3	16.846	107869	6061	0.452
4	17.166	77337	4271	0.324
Total		23885275	1403764	100.000