



# INDOFINE Chemical Company, Inc.

121 Stryker Lane, Bldg. 30, Suite 1 • Hillsborough, NJ 08844 • U.S.A.

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## CERTIFICATE OF ANALYSIS

Catalog Number: B-006

Product Name: **5-BROMOVANILLIN**

CAS Number: [2973-76-4]

Lot Number: 1811159

Chemical Formula: C<sub>8</sub>H<sub>7</sub>BrO<sub>3</sub>

Molecular Weight: 231.05

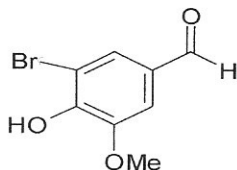
Appearance: Pale Yellow Powder

Melting Point: 162-164°C

Solubility: Soluble in methanol, chloroform

Storage: Store in a cool, dry place

Purity(HPLC): 99.45%



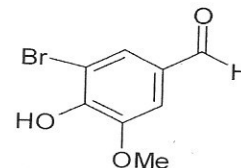
Prepared by:  
*Ramesh Mandadi*  
Ramesh Mandadi  
Director of Operations

Reviewed and Approved by:  
*Sujata Moton*  
Sujata Moton  
VP



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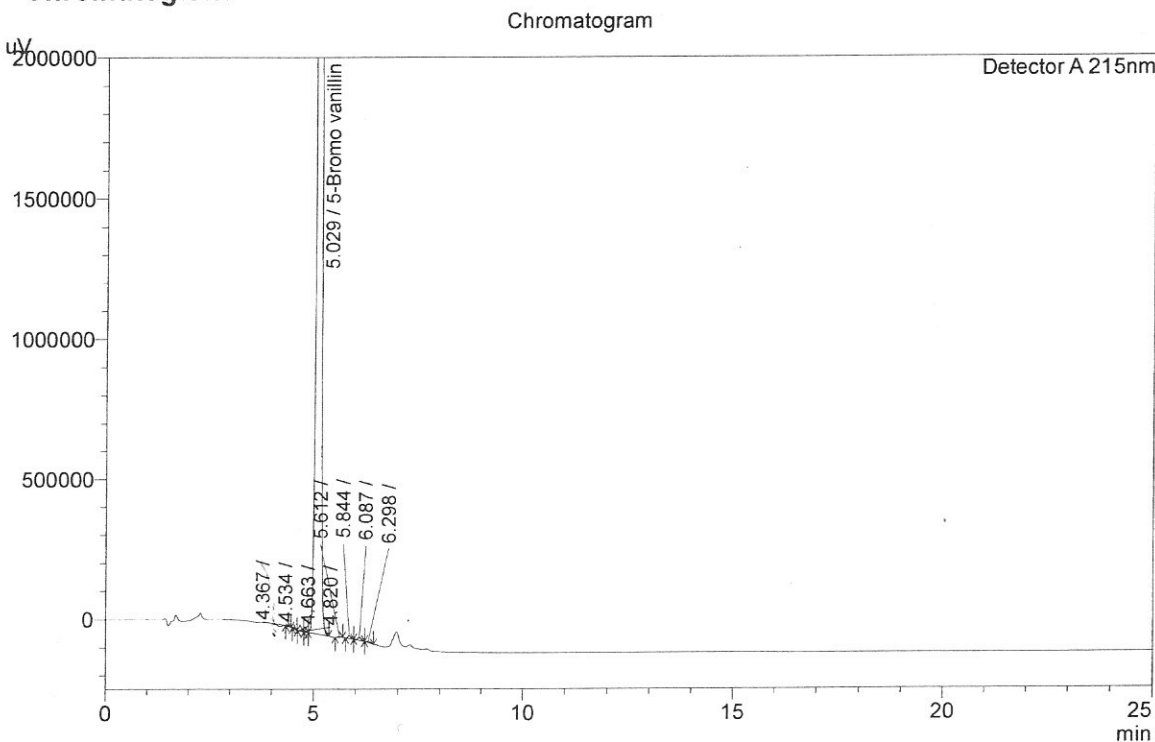
## HPLC ANALYSIS

Data Filename : 02112018006.lcd  
Method Filename : GM Method.lcm  
Vial # : 1-4  
Injection Volume : 20 uL

Catalog No.: B-006  
Product Name: 5-Bromovanillin  
Lot No.: 1811159

MP-A: Acetonitrile, MP-B: 10mM Ammonium acetate in water  
Flow Rate: 1.0 ml/min,  
Gradient program : 0.01/10,5/95,25/95 (% of A Conc)  
Diluent: Methanol (10mg/25ml in diluent)

### <Chromatogram>



### <Peak Table>

Detector A 215nm

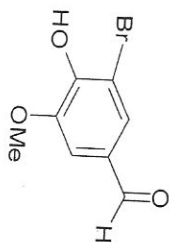
Peak#	Name	Ret. Time	Area	Area%	Relative Retention Time
1		4.367	8721	0.02	0.87
2		4.534	14795	0.04	0.90
3		4.663	10550	0.03	0.93
4		4.820	17544	0.05	0.96
5	5-Bromo vanillin	5.029	37263453	99.45	1.00
6		5.612	14143	0.04	1.12
7		5.844	45908	0.12	1.16
8		6.087	58275	0.16	1.21
9		6.298	35271	0.09	1.25
Total			37468661	100.00	

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HILLSBOROUGH, NJ 08844



Catalog No.: B-006  
Product Name: 5-Bromovanillin  
Lot No.: 1811159

5-Br-Vanillin  
1H in CDCl3  
Bruker AV 300MHZ  
02-11-2018

