



INDOFINE Chemical Company, Inc.

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

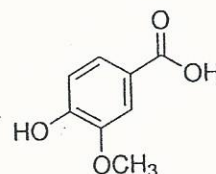
Phone: (908) 359-6778 • FAX: (908) 359-1179

website: www.indofinechemical.com

e-mail: chemical@indofinechemical.com

CERTIFICATE OF ANALYSIS

Catalog number: 01-909 CAS Number: [121-34-6]
Product name: 4-HYDROXY-3-METHOXYBENZOIC ACID Lot Number: 20161111
(Vanillic acid)
Chemical Formula: C₈H₈O₄
Molecular Weight: 168.15



ITEMS	SPECIFICATION	RESULTS
Appearance	White to light beige powder	Light beige powder
Identity by FTIR	Conforms to Reference	Conforms to Reference
Water Content by KF	≤0.5% w/w	0.2%
Purity by HPLC		
Vanillic Acid	≥98.5%	99.36%
Vanillin	≤0.5%	0.05%
3,4-Dihydroxybenzoic Acid	≤1.3%	0.37%
Chlorovanillic Acid	≤1.0%	0.12%
Other known & unknown impurities	≤0.2% each	Conforms to Reference
Assay (Titration)	98-102% w/w (on dried basis)	98.8%