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CERTIFICATE OF ANALYSIS

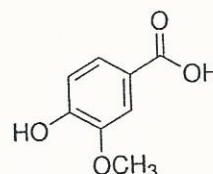
Catalog number: 01-909

CAS Number: [121-34-6]

Product name: **4-HYDROXY-3-METHOXYBENZOIC ACID**
(Vanillic acid)

Lot Number: 20161112

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%	99.40%
Vanillin	≤0.5%	0.05%
3,4-Dihydroxybenzoic Acid	≤1.3%	0.36%
Chlorovanillic Acid	≤1.0%	0.13%
Other known & unknown impurities	≤0.2% each	Conforms to Reference
Assay (Titration)	98-102% w/w (on dried basis)	98.7%