



*The Power to Question*

# CERTIFICATE OF ANALYSIS

Catalog Number: sc-208486  
Lot Number: SAMPLE  
Product Name: Vioxx  
CAS Number: 162011-90-7  
Molecular Formula:  $C_{17}H_{14}O_4S$   
Molecular Weight: 314.36

Test	Specification	Result
Appearance	White to pale yellow crystalline powder	White crystalline powder
Identification	Positive reaction	Positive
Purity	98 - 102.0%	98.7%
Melting Point	207.0 °C - 212 °C	210.0 °C
Residual Solvents	≤ 5000 ppm	48 ppm
Residue on Ignition	≤ 0.1%	0.09%
Solubility	Soluble in dichloromethane	Complies
Total Impurities (HPLC)	≤ 1.0%	Nil
Heavy Metals	0.001%	< 0.001%
Loss on Drying	≤ 0.5%	0.13%
Single Impurity	≤ 0.5%	Nil

Satisfaction Guarantee: We appreciate your business and are committed to providing the highest level of quality and service. Any product that does not meet the performance standards indicated in our product literature will be replaced at no charge. Our policy is valid for one year from the date of your purchase.

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