



The Power to Question

# CERTIFICATE OF ANALYSIS

Catalog Number: sc-478611  
Lot Number: SAMPLE  
Product Name: 4-(1-Phenylethyl)-1,3-benzenediol  
CAS Number: 85-27-8  
Molecular Formula:  $C_{14}H_{14}O_2$   
Molecular Weight: 214.26

Test	Specification	Result
Appearance	White to yellow to brown powdered solid	Pale brown powdered solid
Identification ( $^1H$ -NMR)	Consistent with structure	Complies
Purity ( $^1H$ -NMR)	> 97.5%	> 98%
Purity (HPLC)	> 97.5%	99.9%
Melting Point	78 - 82 °C	79.0 - 81.5 °C
Solubility	Forms a clear colorless to pale yellow to brown solution in $CDCl_3$ , no particulates	Forms a clear pale brown solution in $CDCl_3$ , no particulates
Water Content (KF)	< 1.0%	No water

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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