



CERTIFICATE OF ANALYSIS

The Power to Question

Catalog Number: sc-295783
Lot Number: SAMPLE
Product Name: N-Phenylsulfonyl-Sarcosine
CAS Number: 46376-16-3
Molecular Formula: $C_9H_{11}NO_4S$
Molecular Weight: 229.25

Test	Specification	Result
Appearance		White powder
Assay		101%
Identification (TLC)		Chloroform/methanol/Benzene/ H ₂ O 8/8/8/1 (v/v/v/v) Chloroform/methanol/acetic acid(98-100%)/ H ₂ O 45/13/1/2 (v/v/v/v) Ethylacetate/pyridine/acetic acid/H ₂ O 60/20/6/11 (v/v/v/v) Plate silicagel 60 F254 Detected by: UV,Ninhydrin, Chlorine-Tolidine
Purity (TLC)		98%
Elemental Analysis	C=47.15% H=4.84% N=6.11%	C=46.94% H=4.74% N=6.07%
Melting Point		180 -185°C
Solubility		50 mg/ml in dioxane (clear colorless solution)

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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