



# CERTIFICATE OF ANALYSIS

The Power to Question

Catalog Number: sc-286766A  
Lot Number: SAMPLE  
Product Name: Sarkosine benzyl ester 4-toluenesulfonate salt  
CAS Number: 54384-06-4  
Molecular Formula:  $C_{10}H_{13}NO_2 \cdot C_7H_8O_3S$   
Molecular Weight: 351.4

Test	Specification	Result
Appearance		White powder
Identification (Infrared Spectrum)		Consistent with structure
Identification (Mass Spectrometry)		Consistent with standard
Identification (TLC)		Complies
Purity (Titration)		97.1% (TBAH)
Purity (TLC)		> 99%
Melting Point		104 °C
Solubility		Clear solution (0.3 g in 2 mL DMF)
Carbon Content	58.1% (Calcd. as x p-tosylate 49%)	Complies
Hydrogen Content	6.0% (Calcd. as x p-tosylate 49%)	Complies
Nitrogen Content	3.9% (Calcd. as x p-tosylate 49%)	Complies

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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