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Certificate of Analysis

Catalogue Number	06368
Product	Sarcosine benzyl ester 4-toluenesulfonate salt
Lot Number	000127-1064388 Sar-OBzl•TosOH N-Methylglycine benzyl ester 4-toluenesulfonate salt
CAS Number	54384-06-4
Molecular Formula	C ₁₀ H ₁₃ NO ₂ •C ₇ H ₈ O ₃ S
Molecular Weight	351.4

Appearance	White powder
Solubility	Clear solution (0.3 g in 2 mL DMF)
Melting Point	104 °C
Elemental Analysis (Theory)	C = 58.1%, H = 6.0%, N = 3.9% (Calcd. as x p-tosylate 49%)
Elemental Analysis (Found)	C = 58.1%, H = 6.0%, N = 3.9% (Calcd. as x p-tosylate 49%)
TLC System	Chloroform/Methanol/Acetic acid 32% (5:3:1) Ethylacetate/Pyridine/Acetic acid/Water (6:5:1:3) n-Butanol/Acetic acid/Water (4:2:2) Plate: Silicagel 60 F ₂₅₄ Detected by: UV, ninhydrin, Chlorine-Tolidine
Infrared Spectrum	Conforms to structure
Analysis by Mass Spectra	Conforms to standard
Assay	> 99% (TLC)
Assay by titration	97.1% (TBAH)
Storage	Store at 0-8 °C

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Remarks

See material safety data sheet for additional information

For laboratory use only

The foregoing is a copy of the Certificate of Analysis as provided by our supplier



Bala Kumar
Quality Control Manager