

18:0 DDAB

Dimethyldioctadecylammonium (Bromide Salt)

890810C-200mg

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Molecular Weight 630.952
Chemical Formula C₃₈H₈₀NBr
Physical State Chloroform
Storage -20°C
Expiration Date One year from date of receipt
M Lot Number 6353CNB030
Avanti Lot Number 890810C-200MG-B-030

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	Powder: Clear solution which contains no foreign matter	Pass
TLC (85:15 Chloroform: Methanol)	>99% Purity Ninhydrin: negative Iodine: one major spot Phosphorus: negative Charring: negative Water dip: one major spot	All Pass
HPLC-ELSD	NLT 99% (AUC)	100% (AUC)
Proton NMR	NMR spectrum consistent with structure	Consistent with structure
Mass Spectroscopy	[M-Br] ⁺ = 551.952 ± 1 amu	[M-Br] ⁺ = 550.95 amu

Approved by: *Andriana Thomas*

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