

**18:0 DDAB**

Dimethyldioctadecylammonium (Bromide Salt)

**890810P-1g**

Page 1 of 1

**Molecular Weight** 630.952  
**Chemical Formula** C<sub>38</sub>H<sub>80</sub>NBr  
**Physical State** Powder  
**Storage** -20°C  
**Expiration Date** One year from date of receipt  
**M Lot Number** 6353PQB030  
**Avanti Lot Number** 890810P-1G-B-030

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	<b>Powder:</b> White solid 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] <sup>+</sup> = 551.952 ± 1 amu	[M-Br] <sup>+</sup> = 550.95 amu

Approved by: *Meredith Bayood*

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