

## Kdo2-Lipid A (KLA)

Di[3-deoxy-D-manno-octulosonyl]-lipid A (ammonium salt)

699500P-1mg

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<b>Molecular Weight</b>	2306.840
<b>Physical State</b>	Powder
<b>Storage</b>	-20°C
<b>Expiration Date</b>	One year from date of receipt
<b>M Lot Number</b>	5085PGE021
<b>Avanti Lot Number</b>	699500P-1MG-E-021

ANALYSIS	SPECIFICATION	RESULTS
Physical examination	<b>Powder:</b> White solid which contains no foreign material	Pass
TLC (65:35:8 Chloroform:Methanol:Water)	>99% Purity Ninhydrin: negative Iodine: one major spot Phosphorus: positive Charring: positive Water dip: one major spot	All Pass
HPLC-ELSD	NLT 95% (AUC)	100% (AUC)
Phosphorus NMR	NMR spectrum consistent with structure	Consistent with structure
Mass Spectroscopy	$[M-4NH_4+2H]^{2-} = 1118.2 \pm 1.5$ amu	$[M-4NH_4+2H]^{2-} = 1118.2$ amu

Approved by:

