

5-OxoETE

5-Oxo-6E,8Z,11Z,14Z-eicosatetraenoic acid

900124E-100UG

Page 1 of 1

Molecular Weight	318.46
Chemical Formula	C ₂₀ H ₃₀ O ₃
Physical State	Ethanol
Storage	-80°C
Expiration Date	Three months from date of receipt
M Lot Number	6702EDA010
Avanti Lot Number	900124E-100UG-A-010

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	Ethanol: Clear, colorless solution which contains no foreign matter	Pass
TLC (1:1 Hexane: Ethyl Acetate)	>99% Purity UV: one major spot Ninhydrin spray: negative Iodine: one major spot Phosphorus: negative Charring: positive Water dip: one major spot	All Pass
Proton NMR	NMR spectrum consistent with structure	Consistent with structure
Carbon NMR	NMR spectrum consistent with structure	Consistent with structure
Mass Spectroscopy	[M-H] ⁻ = 317.46 ± 1 amu	[M-H] ⁻ = 317.3 amu

Approved By:

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