

**17(S)-HDHA**

17(S)-hydroxy Docosahexaenoic acid

**900125E-500ug**

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<b>Molecular Weight</b>	344.490
<b>Chemical Formula</b>	C <sub>22</sub> H <sub>32</sub> O <sub>3</sub>
<b>Physical State</b>	Ethanol
<b>Storage</b>	-20 °C
<b>Expiration Date</b>	One year from date of receipt
<b>M Lot Number</b>	6370EFA010
<b>Avanti Lot Number</b>	900125E-500UG-A-010

ANALYSIS	SPECIFICATION	RESULTS
Physical examination	<b>Ethanol:</b> Clear solution with no foreign matter.	Pass
TLC (1:1 Hexane: Ethyl acetate)	>99% Purity Ninhydrin: 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
Mass Spectroscopy	[M-H] <sup>-</sup> = 343.490 ± 1 amu	[M-H] <sup>-</sup> = 343.2 amu

Approved by:

