

**15(S)-HETE**

15S-hydroxy-5Z,8Z,11Z,13E-eicosatetraenoic acid

**900128E-100ug**

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|                          |  |
|--------------------------|--|
| <b>Molecular weight</b>  | 320.47   |
| <b>Chemical formula</b>  | C <sub>20</sub> H <sub>32</sub> O <sub>3</sub> |
| <b>Physical State</b>    | Ethanol solution                               |
| <b>Storage</b>           | -20°C  |
| <b>Expiration Date</b>   | One year from date of receipt                  |
| <b>M Lot Number</b>      | 6473EDA010                                     |
| <b>Avanti Lot Number</b> | 900128E-100UG-A-010                            |

| ANALYSIS                          | SPECIFICATION   | RESULTS                        |
|-----------------------------------|---|--------------------------------|
| Physical Examination              | <b>Ethanol Solution:</b> Clear solution with no foreign matter  | Pass                           |
| TLC<br>(1:1 Hexane:Ethyl Acetate) | >99% Purity<br>Ninhydrin spray: negative<br>Iodine: one major spot<br>Phosphorus: negative<br>Charring: positive<br>Water dip: one major spot | All Pass                       |
| Proton NMR                        | NMR spectrum consistent with structure  | Consistent with structure      |
| Mass Spectroscopy                 | [M-H] <sup>-</sup> = 319.47 ± 1 amu   | [M-H] <sup>-</sup> = 319.4 amu |

Approved By:

