

**18:1 Phosphatidylbutanol**

1,2-dioleoyl-sn-glycero-3-phosphobutanol (sodium salt)

**860203O-25mg**

Page 1 of 1

|                          |  |
|--------------------------|--|
| <b>Molecular Weight</b>  | 779.054  |
| <b>Chemical Formula</b>  | C <sub>43</sub> H <sub>80</sub> O <sub>8</sub> PNa |
| <b>Physical State</b>    | Neat Oil   |
| <b>Storage</b>           | -20°C  |
| <b>Expiration Date</b>   | One year from date of receipt                      |
| <b>M Lot Number</b>      | 5880JJC017   |
| <b>Avanti Lot Number</b> | 860203O-25MG-C-017                                 |

| ANALYSIS             | SPECIFICATION   | RESULTS                         |
|----------------------|---|---------------------------------|
| Physical examination | <b>Neat Oil:</b> Oil with no foreign matter.  | Pass                            |
| TLC                  | >99% Purity<br>Ninhydrin: negative<br>Iodine: one major spot<br>Phosphorus: positive<br>Charring: positive<br>Water dip: one major spot | All Pass                        |
| Proton NMR           | NMR spectrum consistent with structure  | Consistent with structure       |
| Mass Spectroscopy    | [M-Na] <sup>+</sup> = 756.1 ± 1 amu   | [M-Na] <sup>+</sup> = 756.0 amu |

 Approved by: *Meredith Bayood*

For Research Use Only. Not For Human Use.