Egg Lyso PE
L-α-lysophosphatidylethanolamine (Egg, Chicken)
860081P-100MG

Molecular weight 471.609 (average based on fatty acid distribution in product)
Physical State Powder
Storage -20°C
Expiration Date One year from date of receipt
M Lot Number 5876PLC046
Avanti Lot Number 860081P-100MG-C-046

<table>
<thead>
<tr>
<th>ANALYSIS</th>
<th>SPECIFICATION</th>
<th>RESULTS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Physical examination</td>
<td><strong>Powder</strong>: White solid which contains no foreign matter.</td>
<td>Pass</td>
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</tbody>
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| TLC                      | >99% Purity  
Ninhydrin: positive  
Iodine: one major spot  
Phosphorus: positive  
Charring: positive  
Water dip: one major spot                                           | All Pass                         |
| UV Oxidation             | NMT 5% total all wavelengths                                                                                                   | 0.44% total                      |
| FAME (GC/FID)            | Consistent with historical data (not specifications):  
16:0 = ~33.7%  
16:1 = ~0.2%  
18:0 = ~57.0%  
18:1 = ~5.1%  
18:2 = ~0.5%                                                       | Consistent with historical data  |
| Calcium (ICP/MS)         | NMT 500ppm                                                                                                                    | None Detected                    |
| Proton NMR               | NMR spectrum consistent with structure                                                                                          | Pass                             |
| Mass Spectroscopy        | Consistent with historical data.  
[M+H]+ = 454.55 ± 1 amu  
[M+H]+ = 482.60 ± 1 amu                                                | Consistent with historical data.  
[M+H]+ = 454.8 amu  
[M+H]+ = 482.6 amu                                                    |

Approved By: