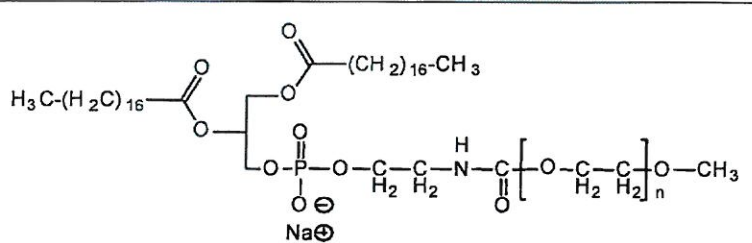


## Analytical results

<b>Product name:</b> <b>MPEG-2000-DSPE</b> <b>N-(Carbonyl-methoxypolyethyleneglycol-2000)-1,2-distearoyl-sn-glycero-3-phosphoethanolamine, sodium salt</b>	<b>Product Code:</b> <b>LP-R4-039</b>  <b>CAS-No.:</b> 147867-65-0												
<b>Lot No.:</b> <b>Y0624</b>													
<b>Formula:</b> $C_{43}H_{83}NO_{10}P(C_2H_4O)_n \cdot Na$ , $n \approx 45$	<b>MW:</b> $\approx 2800$												
<b>Structure:</b> 	<table style="width: 100%; border: none;"> <tr><td style="padding: 2px;"><b>C:</b></td><td style="padding: 2px;">56.8 %</td></tr> <tr><td style="padding: 2px;"><b>H:</b></td><td style="padding: 2px;">9.4 %</td></tr> <tr><td style="padding: 2px;"><b>N:</b></td><td style="padding: 2px;">0.50 %</td></tr> <tr><td style="padding: 2px;"><b>O:</b></td><td style="padding: 2px;">31.3 %</td></tr> <tr><td style="padding: 2px;"><b>P:</b></td><td style="padding: 2px;">1.1 %</td></tr> <tr><td style="padding: 2px;"><b>Na:</b></td><td style="padding: 2px;">0.82 %</td></tr> </table>	<b>C:</b>	56.8 %	<b>H:</b>	9.4 %	<b>N:</b>	0.50 %	<b>O:</b>	31.3 %	<b>P:</b>	1.1 %	<b>Na:</b>	0.82 %
<b>C:</b>	56.8 %												
<b>H:</b>	9.4 %												
<b>N:</b>	0.50 %												
<b>O:</b>	31.3 %												
<b>P:</b>	1.1 %												
<b>Na:</b>	0.82 %												

<u># Test</u>	<u>Result</u>
<b>1 Appearance</b>	powder
<b>2 Colour</b>	white
<b><u>Identification</u></b>	
<b>3 IR spectrum</b>	matches reference standard scan
<b><u>Tests</u></b>	
<b>4 Impurities (HPTLC)</b>	Total of all impurities: 1.7 %
<b>5 Fatty acid purity (stearic acid)</b>	99.9 %
<b>6 Water Content</b>	0.7%

Legend: n.d. = not detected; n.q. = not quantifiable

<b>Analytical Number:</b>	<b>Y0624-0</b>
<b>Date of Analysis:</b>	September 2012
<b>Recommended Storage:</b>	store desiccated below -15°C
<b>Recommended use:</b>	Not for human and animal use

Quality Control

*M. Tettamanti*

M. Tettamanti

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