

Analytical results

Product name: DAPC	Product Code: LP-R4-122									
	CAS-No.: 61596-53-0									
Lot No.: S1188										
Formula: C₄₈H₉₆NO₈P	MW: 846.28									
Structure: <div style="display: flex; align-items: center; justify-content: center; margin-top: 10px;"> <div style="margin-right: 20px;"> $\text{H}_3\text{C}(\text{CH}_2)_{18}\text{COO}-$ </div> <div style="margin-right: 20px;"> $\left[\begin{array}{c} \text{OOC}(\text{CH}_2)_{18}\text{CH}_3 \\ \\ \text{O}-\text{P}(\text{O})-\text{O}-\text{CH}_2-\text{CH}_2-\text{N}^+(\text{CH}_3)_3 \\ \\ \text{O}^- \end{array} \right]$ </div> <div style="margin-left: 20px;"> <table style="border: none;"> <tr><td>C:</td><td>68.12 %</td></tr> <tr><td>H:</td><td>11.43 %</td></tr> <tr><td>O:</td><td>15.12 %</td></tr> <tr><td>P:</td><td>3.66 %</td></tr> <tr><td>N:</td><td>1.66 %</td></tr> </table> </div> </div>	C:	68.12 %	H:	11.43 %	O:	15.12 %	P:	3.66 %	N:	1.66 %
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<u>#</u>	<u>Test</u>	<u>Specification</u>
1	Appearance	Crystalline powder
2	Colour	white
<u>Identity</u>		
3	IR spectrum	Comparable to structure
4	MS	846.9 Da
<u>Purity</u>		
5	TLC	95 %
6	Fatty acid (GC)	arachidic acid: 99.9 %
7	Residual solvents	No residual process solvents > 160 ppm
8	Water content (KF)	5.7 %

Analysis Number:	S1188-1
Date of Analysis:	06.2011
Recommended Storage:	at 2-8°C, protected from light
Recommended Retest date:	For use after 36 month from date of Analysis we recommend you to retest the material

Quality Control  M. Tettamanti	Issued: June 24, 2011
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