

# *Chem-Impex International, Inc.*

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## *Product Specifications*

<b>Catalogue Number</b>	10917
<b>Product</b>	<b>1,2-Dimyristoyl-<i>sn</i>-glycero-3-phosphocholine</b>  L- $\beta,\gamma$ -Dimyristoyl- $\alpha$ -lecithin
<b>CAS Number</b>	18194-24-6
<b>Molecular Formula</b>	C <sub>36</sub> H <sub>72</sub> NO <sub>8</sub> P
<b>Molecular Weight</b>	677.94
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<b>Appearance</b>	White powder
<b>Water Content (Karl Fisher)</b>	≤ 8%
<b>Infrared Spectrum</b>	Conforms to structure
<b>Purity by GC</b>	Fatty Acid (Myristic Acid): ≥ 99%
<b>Purity by HPLC</b>	≥ 99% w/w versus reference standard (dry basis)
<b>Storage</b>	Store at 0-8 °C
<b>Additional Information</b>	Impurities (HPTLC): Individual: ≤ 0.3% Free Myristic acid: ≤ 0.20% Total: ≤ 0.5%

**For Laboratory Use Only**