

# Chem-Impex International, Inc.

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## Product Specifications

**Catalogue Number** 16391

**Product** **L- $\beta$ -Oleoyl- $\gamma$ -palmitoyl- $\alpha$ -lecithin**

1-Palmitoyl-2-oleoyl-*sn*-glycero-3-phosphocholine

**CAS Number** 26853-31-6

**Molecular Formula** C<sub>42</sub>H<sub>82</sub>NO<sub>8</sub>P

**Molecular Weight** 760.09

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**Appearance** White powder

**Water Content (Karl Fisher)**  $\leq 0.5\%$

**Infrared Spectrum** Conforms to structure

**Fatty acids & Esters** Palmitic acid: 49.7 mole %, Oleic acid: 50.3 mole % (GC)

**Purity by GC** Oleic acid at C2: 93.6%

**Purity by HPLC**  $\geq 99\%$

**Storage** Store at 0-8°C

**Additional Information** HPTLC: (total purity/lyso-PC/free fatty acids). ( $\geq 99.3\%$  w/w,  $\leq 0.2\%$  w/w,  $\leq 0.5\%$  w/w)

**For Laboratory Use Only**