

## Analytical Data Sheet

**Lot number** **1000038626**  
not for drug use

**Product** sn-Glycero-3-phosphocholine

**Product number** **4030680.0100**

**Molecular formula** C<sub>8</sub>H<sub>20</sub>NO<sub>6</sub>P

**Relative molecular mass** 257.22

Tests	Results
<b>Appearance</b>	white powder
<b>Appearance of solution</b>	clear, colorless solution (50 mg/mL in water)
<b>Identification (IR)</b>	complies with reference
<b>Identification (elemental analysis)</b>	C-Value 36.3% H-Value 7.8% N-Value 5.2%  calc. as: 0.4 H <sub>2</sub> O (2.73%)
<b>Identification (TLC)</b>	R <sub>f</sub> value in agreement with authentic material
<b>Purity (TLC)</b>	> 99%
<b>TLC conditions</b>	n-butanol/acetic acid/ H <sub>2</sub> O 4/2/2 isopropanol/ammonia conc. 1/1 methanol/chloroform/ammonia 17% 2/2/1 plate: silicagel 60 F <sub>254</sub> detected by: UV, ninhydrin, TMB ammoniummolybdate
<b>Assay (elemental analysis)</b>	97.2% (Cth 37.36%, Cfd 36.30%)
<b>Water content (KF volumetric)</b>	0.4%

Latest update: September 17, 2020

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