

Analytical Data Sheet

Lot number **1068285**
not for drug use

Catalog number **O-1590.0025**
Product number **4030680.0025**
Product **sn- Glycero- 3- phosphocholine**
Molecular formula **C₈H₂₀NO₆P**
Relative molecular mass **257.22**

Tests	Results
Appearance	white powder
Appearance of solution	clear, colorless solution (50 mg/mL in water)
Identification (IR)	complies with reference
Identification (elemental analysis)	Theory Found C = 37.3% C = 37.2% H = 7.8% H = 7.7% N = 5.4% N = 5.4% calc. as: x 0.03 H ₂ O (0.2%)
Identification (TLC)	complies with authentic material
Purity (TLC)	> 99%
TLC conditions	n-butanol/acetic acid/H ₂ O 4/2/2 isopropanol/ammonia conc. 1/1 methanol/chloroform/ammonia 17% 2/2/1 plate: silicagel 60 F ₂₅₄ detected by: UV, ninhydrin, TMB, ammoniummolybdate
Assay (elemental analysis)	99.6% (Cth 37.36%, Cfd 37.22%)
Water content (KF volumetric)	0.2%

Latest update: October 20, 2016

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