

Analytical Data Sheet

Lot number

1039161

not for drug use

Catalog Number	O-1385.0100
Product number	4026553.0100
Product	1- O- Octadecyl- 2- O- methyl- sn- glycerol- 3- phosphocholine
Molecular formula	C ₂₇ H ₅₈ NO ₆ P
Relative molecular mass	523.73

Tests	Results
Appearance	white product
Appearance of solution	clear, colorless solution (50 mg/ml in chloroform)
Identification (FAB-MS)	[M+H] ⁺ : m/z = 524 u
Purity (TLC)	> 98%
TLC conditions	chloroform/methanol/acetic acid 32% 5/3/1 n-butanol/acetic acid/H ₂ O 4/2/2 plate: silicagel 60 F ₂₅₄ detected by: chlorine-tolidine, ammoniummolybdate
Assay (elemental analysis)	92% (Nth 2.67 %, Nfd 2.46 %)
Water content (KF volumetric)	3.3%
Latest update: October 13, 2011	Analytical Data Sheet Lot number 1039161