SETAREH BIOTECH
LITE OF INNOVATION

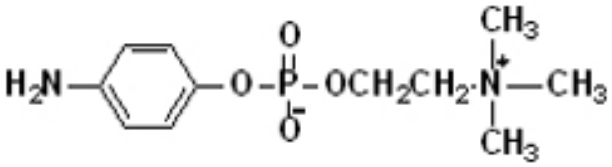
Certificate of Analysis
(C of A)

Name:	**APPC** **4-Aminophenyl phosphorylcholine**		
Catalog Number:	6117	Lot:	51654
CAS Number:	102185-28-4	Formula:	$C_{11}H_{19}N_2O_4P$
Molecular Weight:	274.26 (g/mol)		

	Observed	Standard
HPLC Purity:	99% at 254 nm	≥ 95% at 254 nm
NMR (D_2O)		
Result:	Meets specification	Consistent with structure
Nuclei:	1H	1H
Absorption (Methanol)		
Wavelength (λ_{max}):	294 nm	293 ± 3 nm
Extinction:	1,700 $cm^{-1}M^{-1}$	1,700 ± 150 $cm^{-1}M^{-1}$
TLC Purity:	> 99%	≥ 95%
TLC System:	60:40 Acetonitrile / Water with Ninhydrin Dip	
Storage:	Freeze: Store at -5 to -30°C (**F**), Protect from moisture (**D**), Protect from light (**L**)	

Production Lot:	14953	Release:	09-Jun-2015	Expiration:	09-Jun-2025

Structure:



This data reflects the accuracy of the analysis of the subject lot
For research use only. Not for human use. No animal source.
This material is chemically synthesized and manufactured in the USA

Approved by: Dianna M Wineinger
Analytical Services Manager

Date: 09-Jun-2015

Signature: Dianna M Wineinger

Setareh Biotech, LLC, 710 Commercial St. Ste 2 Eugene, OR 97402-5348 USA
Phone: 541-515-6560 / Fax: NA e-mail: info@setarehbiotech.com