CERTIFICATE of ANALYSIS

sPLA2 (mouse, recombinant Type X)

Item No. 37952 • Batch No. 0825745 • Expires 28OCT2027

Overview

Formulation:	50 mM Tris-HCl, pH 8.5, 10 mM calcium chloride
Concentration:	0.2 mg/mL
Storage/stability:	-80°C/1yr
Specific activity:	79.40 U/mg
Unit definition:	One unit is defined as the amount of enzyme required to hydrolyze 1 µmol of diheptanoyl thio-PC per minute at 25°C in 25 mM Tris-HCl, pH 7.5, containing 10 mM calcium chloride, 100 mM potassium chloride, 0.3 mM Triton X-100, 0.44 mM DTNB, and 1.44 mM diheptanoyl thio-PC.
Activity:	15.90 U/ml
Purity:	≥80% estimated by SDS-PAGE

Reviewed and approved by: Beth Hurst **Approved date: 28OCT2026**



WARNING
THIS PRODUCT IS FOR RESEARCH USE - NOT FOR HUMAN OR VETERINARY DIAGNOSTIC OR THERAPEUTIC USE. IT IS THE RESPONSIBILITY OF THE PURCHASER TO DETERMINE SUITABILITY FOR OTHER APPLICATIONS.

SAFETY DATA
This material should be considered hazardous until further information becomes available. Do not ingest, inhale, get in eyes, on skin, or on clothing. Wash thoroughly after handling. Before use, the user must review the complete Safety Data Sheet, which has been sent via email to your institution.

WARRANTY AND LIMITATION OF REMEDY
Buyer agrees to purchase the material subject to Cayman's Terms and Conditions. Complete Terms and Conditions including Warranty and Limitation of Liability information can be found on our website.

Copyright Cayman Chemical Company, 10/12/2018

CAYMAN CHEMICAL
1180 EAST ELLSWORTH RD
ANN ARBOR, MI 48108 · USA
PHONE: [800] 364-9897
[734] 971-3335
FAX: [734] 971-3640
CUSTSERV@CAYMANCHEM.COM
WWW.CAYMANCHEM.COM