

Pel-Freez®**Certificate of Analysis****PRODUCT:** Rabbit Brain Cephalin**CODE NO:** 41052**LOT NO:** 34635**STORAGE:** At or below -10°C**EU REQUIREMENTS:** Material meets the requirements of the Regulation (EU) 142/2011 Chapter 8 Health Certificate.**PROCEDURE:** Cholesterol free Rabbit Brain Acetone Powder is extracted with chloroform, filtered through cheesecloth, and allowed to dry. The remaining residue is re-suspended in 0.85% saline solution, aliquoted, and frozen at or below -10 °C.

The product was derived from animals which received ante and post mortem inspection at U.S.D.A. Plant #P202, and found to be free of infectious and contagious diseases.

ASSAYS: Phospholipids (PL) are shown in original concentration (mg/mL) by ³¹P-NMR.

PL	mM	MW	mg/mL
PE	2.9501	768.61	0.45
PC	3.8614	770.935	0.60
PS	3.2406	824.966	0.53
PI	0.6760	974.764	0.13

Abbreviations: PE, phosphatidylethanolamine; PC, phosphatidylcholine; PS, phosphatidylserine; PI, phosphatidylinositol

Total concentration of phospholipids (PE, PC, PS, PI) based on ³¹P-NMR analysis: 10.73 mM

QUALITY ASSURANCE**Quality Control Release Date:** February 7, 2014

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SUITABLE FOR FURTHER MANUFACTURE OR RESEARCH PURPOSES