

## Certificate of Analysis

**PRODUCT:** Rabbit Brain Cephalin**CODE NO:** 41052**LOT NO:** 24040-R&D**DATE OF  
MANUFACTURE:** August 28, 2018**ORIGIN:** U.S.A.**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 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 <sup>31</sup>P-NMR.

| PL | MW      | mg/mL |
|----|---------|-------|
| PE | 768.610 | 0.36  |
| PC | 770.935 | 0.66  |
| PS | 824.966 | 0.46  |
| PI | 974.764 | 0.14  |

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

### QUALITY ASSURANCE

Quality Control Release Date: September 24, 2018

Sarah Graves  
Quality Systems Technician**Meets or exceeds specifications ☒****Does not meet specifications ☐****SUITABLE FOR FURTHER MANUFACTURE OR RESEARCH PURPOSES**