

## Certificate of Origin

<b>Product Number:</b>	61755	
<b>Product Name:</b>	L- $\alpha$ -Phosphatidylcholine egg yolk Yes, ~ 60 % TLC	
<b>Lot Number:</b>	BCBP9499V	
<b>Brand:</b>	Sigma	
<b>Country of Manufacture:</b>		<b>China</b>
<b>Type of Manufacture</b>		
Purification/extraction from biological material		Yes
<b>Is the product / material partly or fully of human or animal origin (i.e., tallow derived materials, tissue, tissue extract or fluid such as milk, blood, etc.)?</b>		<b>No</b>
<b>Does the manufacturing process involve any raw materials, sourcing materials, or reagents that are of human or animal origin (i.e., lubricants, cleaning agents, filtering agents, processing aids, enzymes or cultural media, fermentation)?</b>		<b>Yes</b>
<b>Is any of the equipment used for processing and / or storage of the product in contact at any time with other materials of human or animal origin (i.e., cleaning solutions, solutions for equipment, test media used in equipment validation, other human or animal-derived products / materials)?</b>		<b>No</b>
<b>Is the product / material, for any other reason, at any time during its manufacturing process, in contact with materials of human or animal origin including fermentation?</b>		<b>No</b>
<b>Does the closure container (e.g. bottles, caps, drum, etc.) involve any raw materials that are of human or animal origin?</b>		<b>No</b>
<b>Is the Product/Material synthetic origin?</b>		<b>No</b>
<b>Are there procedures in place to avoid cross contamination with other materials or residue of animal, human, GMO origin or Allergen materials?</b>		<b>Yes</b>
<b>Genetically modified organisms used</b>		<b>No</b>
<b>Have any gluten materials been applied during manufacturing?</b>		<b>No</b>
<b>During the manufacturing process is a catalyst(s) used?</b>		<b>No</b>
<b>Is the product/material directly produced or handled using ionizing radiation?</b>		<b>No</b>
<b>During the manufacturing process is a solvent(s) used?</b>		<b>Yes</b>
<b>Are processes in-place for monitoring the production process, traceability and batch consistency?</b>		<b>Yes</b>
<b>Is this product/material collected and/or processed in dedicated equipment?</b>		<b>Yes</b>
<b>Was this product/material collected and packaged in new or sterilized containers?</b>		<b>Yes</b>
<b>Distilled Water</b>		<b>Yes</b>
<b>Soak</b>		<b>Yes</b>
<b>Spray</b>		<b>Yes</b>
<b>Have any allergen materials been applied during manufacturing?</b>		<b>No</b>

<b>Biological Origin</b>	<b>Animal</b>
<b>Country of Origin of Animal</b>	<b>China</b>
<b>Has a Certificate of Suitability been filed with the EDQM for TSE (Transmissible Spongiform Encephalopathies) on your product?</b>	<b>No</b>
<b>Are the animal species traceable back to the location of birth?</b>	<b>Yes</b>
<b>Was animal protein fed to the animal(s)?</b>	<b>No</b>
<b>Was ruminant protein fed to the animal(s)?</b>	<b>No</b>
<b>Tissue Type</b>	
Egg	Yes
<b>Has the material been tested and found to comply with standards for absence of Salmonella and Enterobacteriaceae</b>	<b>Yes</b>
<b>Were the eggs originating from animals which did not show clinical signs of any disease communicable through that product to humans or animals?</b>	<b>Yes</b>
<b>Have undergone all precautions to avoid contamination with pathogenic agents after treatment</b>	<b>Yes</b>
<b>Was animal-derived charcoal used in the manufacturing process?</b>	<b>No</b>



Dr. Thomas Hellmann  
Director Quality Assurance-EMEA

**This information is to be used for the purpose of determining animal or other biological origin only and not to be confused with "country of origin" for import/export purposes. Data provided in this document are property of Sigma-Aldrich.**

**The above information is believed to be correct to the best of our knowledge**

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