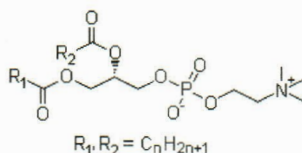


Batch no 202411020
Mf date Nov 20 2024
Exp date May 19 2027

Molecular Structure



Molecular Formula $C_{42}H_{80}NO_8P$
Molecular Weight 758.06
CAS Registry Number 8002-43-5

Sep 22 2026

Tests	Specifications	Results
Appearance	Yellow to brown semi-solid or lump	Yellow semi-solid
Identification	Meets the requirements	Positive
Acid value	≤ 30 mg KOH/g	1 mg KOH/g
Iodine value	≥ 75 gI/100g	108 gI/100g
Peroxide value	≤ 3	0
Solution color	Abs ≤ 0.8 in 350 nm	0
Acetone-insoluble matter	$\geq 90.0\%$	97.0%
Hexane-insoluble matter	$\leq 0.3\%$	0.3%
Water	$\leq 1.5\%$	0.6%
Protein	Meets the requirements	Conforms
Heavy metals	$\leq 0.0005\%$	$\leq 0.0005\%$
Arsenic	$\leq 0.0002\%$	$\leq 0.0002\%$
Lead	$\leq 0.0002\%$	$\leq 0.0002\%$
Residual solvents	Ethanol $\leq 0.2\%$	0.11%
Related substances	Lysophosphatidyl ethanolamine (LPE) $\leq 1.0\%$	ND
	Lysophosphatidyl choline (LPC) $\leq 3.5\%$	2.9%
	LPE + LPC $\leq 4.0\%$	2.9%
	Inositol phospholipid (PI) $\leq 5.0\%$	ND
	LPE + LPC + PI $\leq 8.0\%$	2.9%
	Total aerobic bacteria count ≤ 50 CFU/g	< 10 CFU/g
Microbial limit	Mold & yeast count ≤ 50 CFU/g	< 10 CFU/g
	E. coli ND	ND
	Bacterial endotoxin < 2.0 EU/g	< 2.0 EU/g
Phosphorus	$\geq 2.7\%$	3.6%
Nitrogen	1.5 ~ 2.0%	1.6%
Phosphatidyl choline (PC)	$\geq 45.0\%$	91.2%
Phosphatidyl ethanolamine (PE)	$\leq 30\%$	ND
PC + PE	$\geq 70\%$	91.2%

Long term storage	Away from direct sunlight. Store at -18°C
Conclusion	Material complies with CP2020