



JIANGSU KHONOR CHEMICALS CO., LIMITED

CERTIFICATE OF ANALYSIS

NAME	Phosphatidylcholine PC50	QUANTITY	20MT
MFG. DATE	Jan. 15, 2026	BATCH NO.	260112A
EXP. DATE	Jan. 14, 2028	APPLICATION	FOOD

Name of Index	STANDARD	Test result	Test Method
Appearance	Light yellow to amber viscous liquid / soft powder	Light yellow viscous liquid	Visual Inspection
Odor	Mild lecithin odor	Characteristic	Organoleptic Test
Phosphatidylcholine (PC)	≥ 50%	50.8%	HPLC
Phosphatidylethanolamine (PE)	≤ 25%	18.7%	HPLC
Moisture Content	≤ 2%	1.5%	Karl Fischer Titration
Acid Value	≤ 3 mg KOH/g	2.1 mg KOH/g	ISO 660
Peroxide Value	≤ 5 meq/kg	3.2 meq/kg	ISO 3960
Heavy Metals (Pb)	≤ 2 ppm	< 0.5 ppm	ICP-MS
Arsenic (As)	≤ 1 ppm	< 0.2 ppm	ICP-MS
pH (10% aqueous solution)	6.5 – 7.5	7.1	pH Meter
Solubility	Soluble in ethanol, chloroform; dispersible in water	Pass	Visual/Functional Test
Specific Rotation [α] _D	+15° – +25°	+20°	Polarimeter

ANALYST: Guan Yang

APPROVER: Su Guo