



Certificate of Analysis

Product name	L-Alpha- Glycerophosphorylcholine 50%	CAS No.:	28319-77-9
Package:	25kg/drum	Quantity:	225kg
MFG Date:	2024/12/6	EXP Date:	2027/12/5
Batch No.:	AGPC241262	Standard:	USP

Item	Specification	Results
Appearance	White powder	Conform
Identification	Positive	Conform
Moisture	$\leq 3.0\%$	2.6%
Heavy metals (As Pb)	$\leq 10\text{ppm}$	$< 10\text{ppm}$
Arsenic	$\leq 0.1\text{ppm}$	$< 0.1\text{ppm}$
Lead	$\leq 3.0\text{ppm}$	$< 3.0\text{ppm}$
Cadmium	$\leq 0.1\text{ppm}$	$< 0.1\text{ppm}$
Mercury	$\leq 0.1\text{ppm}$	$< 0.1\text{ppm}$
Total plate count	$\leq 1000\text{cfu/g}$	Conform
Yeast & Mold	$\leq 50\text{cfu/g}$	Conform
Coliforms	Negative	Negative
Salmonella	Negative	Negative
Staphylococcus	Negative	Negative
Carrier	Starch	Conform
Assay	$\geq 50\%$	51.31%
Conclusion:	The goods conform the standards of USP.	