

**CERTIFICATE OF ANALYSIS**

<b>Product Name:</b>	HSPC:Hydrogenated Soybean Phospholipids	<b>Batch No:</b>	ST20210320
<b>Inspection Basis</b>	Enterprise internal requirements	<b>Quantity:</b>	10kg
<b>Manufacturing date:</b>	2021.03.20	<b>Expire date:</b>	2023.03.19

Item	Specification	Results
<b>Appearance</b>	White or almost white powder	White powder
<b>Iodine value</b>	$\leq 2$	1
<b>TLC</b>	The position and color of the main spot should be the same as that of the control solution.	Conform
<b>Lysophosphatidylcholine and other unknown substances</b>	Lysophosphatidylcholine $\leq 0.5\%$ Other total unknown substances $\leq 0.5\%$	Conform Conform
<b>Free fatty acid</b>	$\leq 0.3\%$	Conform
<b>Water</b>	$\leq 2.0\%$	1.2%
<b>Peroxide</b>	$\leq 1.5\text{ml}$	0.3ml
<b>Heavy metals</b>	$\leq 10\text{ppm}$	Conform
<b>Residual solvent</b>	Acetone $\leq 0.5\%$	Not detected
	Methyl alcohol $\leq 0.3\%$	Not detected
	Dichloromethane $\leq 0.06\%$	Not detected
	MTBE $\leq 0.5\%$	Not detected
<b>Microbial contamination</b>	Trichloromethane $\leq 0.006\%$	Not detected
	TAMC $\leq 10^3\text{cfu/g}$	$< 20\text{gfu/g}$
	TYMC $\leq 10^2\text{cfu/g}$	$< 20\text{gfu/g}$
	E.coli should not be detected per 1g.	Not detected
<b>Phosphorus</b>	3.8%-4.1%	3.9%
<b>Phosphatidy choline</b>	$\geq 99.0\%$	99.6%

<b>Conclusion</b>	The batch is in compliance with Enterprise internal requirements.
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QC:




QA:

