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XI'AN BEST BIO-TECH CO., LTD.

CERTIFICATE OF ANALYSIS

Produce Name: Soybean extract phosphatidylserine 20%

Batch Number: BH190919DD

Manufacture Date: 2024-09-19

Quantity: 200 KG

Analysis Date: 2024-09-25

Expiry Date: 2026-09-18

| Items | Standards | Results | Method |
|--|--|---------------------|--------------------|
| Physical and chemical analysis: | | | |
| Description | Light yellow powder | Qualified | Visual |
| Mesh Size | 100% pass 80 mesh | Qualified | CP2015 |
| Assay | Phosphatidylserine $\geq 20.00\%$ | 20.27% | HPLC |
| Ash Content | $\leq 2.0\%$ | 0.66% | CP2015 |
| Loss on Drying | $\leq 1.0\%$ | 0.51% | CP2015 |
| Tap Density | 0.5-0.9g/ml | 0.53g/ml | CP2015 |
| Loose Bulk Density | 0.35-0.5g/ml | 0.42g/ml | CP2015 |
| Residue analysis: | | | |
| Heavy Metal | $\leq 10\text{ppm}$ | Qualified | CP2015 |
| Pb | $\leq 1\text{ppm}$ | 0.19ppm | GB/T 5009.12-2003 |
| As | $\leq 1\text{ppm}$ | 0.16ppm | GB/T 5009.11-2003 |
| Hg | $\leq 1\text{ppm}$ | $< 0.005\text{ppm}$ | GB/T 5009.15-2003 |
| Cd | $\leq 1\text{ppm}$ | 0.04ppm | GB/T 5009.17-2003 |
| Pesticides Residue | Meet USP Requirements | ND | USP34 <561> |
| Microbiological: | | | |
| Total Plate Count | $\leq 1000\text{cfu/g}$ | 100cfu/g | AOAC990.12, 16th |
| Yeast&Mold | $\leq 100\text{cfu/g}$ | $< 10\text{cfu/g}$ | AOAC990.08, 991.14 |
| E.coli | Negative | Negative | AOAC2001.05 |
| Salmonella | Negative | Negative | AOAC990.12 |
| General Status: | | | |
| GMO Free | Complies | Complies | |
| Non-Irradiation | Complies | Complies | |
| General Information: | | | |
| Conclusion | Conform to specification. | | |
| Packing | Packed in paper-drums and two plastic-bags inside. N.W:25kgs .I.D.35×H51cm; | | |
| Storage | Keep in cool & dry place. Keep away from strong light and heat. | | |
| Shelf life | 24 months under the conditions above and in its original packaging. | | |
| Sterilization | High temperature. | | |

Tested by: Tony Liu

Approved by: Minke He

Certified by: Albert Li