



Shaanxi New Things Biotech Co.,Ltd

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## Certificate of Analysis

|                    |                    |             |            |
|--------------------|--------------------|-------------|------------|
| Product Name       | Phycocyanin Powder |             |            |
| Batch No.          | NT20250422         | Package     | Drum       |
| Test Date          | 2025-04-24         | Quantity    | 650 kg     |
| Manufacturing Date | 2025-04-22         | Expiry Date | 2027-04-21 |

| Items           | Standards                      | Results      | Method           |
|-----------------|--------------------------------|--------------|------------------|
| Appearance      | Powder Blue                    | Complies     | Visual           |
| Color Value     | $\geq 10\%$                    | 10.52%       | Internal methods |
| Moisture        | $\leq 7\%$                     | 0.5%         | GB5009.3-2016    |
| Ash             | $\leq 7\%$                     | 2.6%         | GB5009.4-2016    |
| Lead            | $\leq 1\text{ppm}$             | 0.20ppm      | GB5009.12-2017   |
| As              | $\leq 1\text{ppm}$             | 0.17ppm      | GB5009.11-2014   |
| Cd              | $\leq 0.2\text{ppm}$           | 0.01ppm      | GB5009.15-2014   |
| Hg              | $\leq 0.1\text{ppm}$           | 0.01ppm      | GB5009.17-2014   |
| Total Bacteria  | $\leq 1000\text{ cfu/g}$       | 300cfu/g     | GB4789.2-2016    |
| Yeast and Mould | $\leq 100\text{ cfu/g}$        | $\leq 10$    | GB4789.15-2016   |
| Coliforms       | Not detected                   | Not detected | GB4789.3-2016    |
| Staphylococcus  | Not detected                   | Not detected | GB4789.10-2016   |
| Salmonella      | Not detected                   | Not detected | GB4789.4-2016    |
| Shigella        | Not detected                   | Not detected | GB4789.5-2012    |
| Mesh            | 100% pass 80 mesh              | Complies     | 80 mesh screen   |
| Conclusion      | Comply with the specification. |              |                  |

QA: Peng Peng

QC: Guo Shan

