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## Certificate of Analysis

|                    |                                |               |                 |
|--------------------|--------------------------------|---------------|-----------------|
| Product Name       | Haematococcus pluvalis Extract |               |                 |
| Quantity           | 100kgs                         | Specification | 10% Astaxanthin |
| Test Date          | 2025-12-02                     | Batch No.     | NT251201001     |
| Manufacturing Date | 2025-12-01                     | Expiry Date   | 2027-11-30      |

| Item                     | Specification                                                                           | Method           | Result       |
|--------------------------|-----------------------------------------------------------------------------------------|------------------|--------------|
| Appearance               | Dark red oleoresin, not empyreumatic, not rancid, not peculiar, not visible impurities. | Q/SGY 001        | Complies     |
| Astaxanthin HPLC(%)      | ≥10.00                                                                                  | HPLC             | 10.11        |
| Moisture(%)              | ≤5.0                                                                                    | GB 5009.236-2016 | 0.07         |
| Ash(%)                   | ≤15.0                                                                                   | GB 5009.4-2016   | 0.07         |
| Lead(mg/kg)              | ≤1.0                                                                                    | GB5009.12-2017   | 0.1          |
| Arsenic(mg/kg)           | ≤1.0                                                                                    | GB5009.11-2014   | 0.18         |
| Mercury(mg/kg)           | ≤0.1                                                                                    | GB5009.17-2014   | Not detected |
| Cadmium(mg/kg)           | ≤0.1                                                                                    | GB5009.15-2014   | Not detected |
| Total Plate Count(cfu/g) | ≤30000                                                                                  | GB 4789.2-2016   | ≤100         |
| Coliforms ( mpn/g)       | ≤0.92                                                                                   | GB4789.3-2016    | Not detected |
| Mould and Yeast(cfu/g)   | ≤300                                                                                    | GB 4789.15-2016  | ≤100         |
| Salmonella/25g           | Not detected                                                                            | GB 4789.4-2016   | Not detected |
| S.Aureus,Shigella        | Not detected                                                                            | GB 4789.10-2016  | Not detected |
| Conclusion               | Comply with the specification.                                                          |                  |              |
| Storage                  | Store in a well ventilated and dry place, protected from light and sealed.              |                  |              |
| Validity                 | 24 months                                                                               |                  |              |
| Others                   | After opening, please use it immediately, if not please pack it in vaccum.              |                  |              |

