



# Xi'an Qinyuan Quantum Biotechnology Co., Ltd.

## CERTIFICATE OF ANALYSIS

|                                                                                    |                         |              |                  |
|------------------------------------------------------------------------------------|-------------------------|--------------|------------------|
| Product Name                                                                       | Isorhamnetin            | Manufacturer | QYLZBIOTECH      |
| Botanical Name                                                                     | Hippophae rhamnoides L. | CAS NO       | 480-19-3         |
| Batch NO                                                                           | QY20261015              | Part Used    | Fruit            |
| Manufacture Date                                                                   | 2026.10.15              | Expired Date | 2028.10.14       |
| Quantity                                                                           | 1000kg                  | Shelf life   | 2Years           |
|                                                                                    |                         |              |                  |
| Analysis Items                                                                     | Specification           | Result       | Test Method      |
| Isorhamnetin                                                                       | ≥ 98.0%                 | 98.47%       | HPLC             |
| Appearance                                                                         | Yellow Granular Powder  | Conforms     | Visual           |
| Particle Size                                                                      | 95%Through 80 mesh      | Conforms     | /                |
| Loss on drying                                                                     | ≤ 2.0%                  | 1.28%        | CP2020           |
| Ash                                                                                | ≤ 1.0%                  | 0.28%        | CP2020           |
| Total Heavy Metals                                                                 | ≤ 10ppm                 | Conforms     | AAS              |
| Pb (mg/kg)                                                                         | ≤ 2ppm                  | Conforms     | AAS              |
| As (mg/kg)                                                                         | ≤ 1ppm                  | Conforms     | AAS              |
| Hg (mg/kg)                                                                         | ≤ 0.5ppm                | Conforms     | AAS              |
| Cd (mg/kg)                                                                         | ≤ 1.0ppm                | Conforms     | AAS              |
| Total Plate Count                                                                  | ≤ 1000cfu/g             | Conforms     | GB 4789.2- 2016  |
| Total Yeast & Mold                                                                 | ≤ 100cfu/g              | Conforms     | GB 4789.15- 2016 |
| E.Coli                                                                             | Negative                | Conforms     | GB 4789.3- 2016  |
| Salmonella                                                                         | Negative                | Conforms     | GB 4789.3- 2016  |
| Conclusion: This product was tested and the results meet the requirements.         |                         |              |                  |
| Packing: Packed in paper-drums and two plastic-bags inside                         |                         |              |                  |
| Storage:Store in a well-closed container away from moisture,direct light and heat. |                         |              |                  |
|                                                                                    |                         |              |                  |

Verification: *Maxwell*



