

## Certificate of Analysis

|              |             |                    |                 |
|--------------|-------------|--------------------|-----------------|
| Product Name | HMB-CA      | Batch No.          | QY-HMBG20240508 |
| CAS          | 135236-72-5 | Manufacturing Date | 2024-05-08      |
| Quantity     | 500kgs      | Expiration Date    | 2026-05-07      |

| Item                                          | Specification              | Result   | Method       |
|-----------------------------------------------|----------------------------|----------|--------------|
| Assay                                         | Ca 13.6%14.8%              | 14.57%   | EDTA         |
|                                               | HMB≥84.0%                  | 87.38%   | HPLC         |
|                                               | Total Content≥99.0%        | 99.62%   | EDTA         |
| Appearance                                    | White crystalline powder   | Conforms | Organoleptic |
| <b>Analytical Quality</b>                     |                            |          |              |
| Loss on drying                                | ≤7.0%                      | 4.77%    | CP2020       |
| Pile up density                               | 0.30~0.60g/ml              | Conforms |              |
| <b>Heavy Metals</b>                           | ≤10ppm                     | Conforms | Colorimetry  |
| Arsenic((as As <sub>2</sub> O <sub>3</sub> )) | ≤1ppm                      | Conforms | AAS          |
| Lead(Pb)                                      | ≤3ppm                      | Conforms | AAS          |
| Mercury(Hg)                                   | ≤0.1ppm                    | Conforms | AAS          |
| Cadmium(Cd)                                   | ≤1ppm                      | Conforms | AAS          |
| <b>Microbiological Tests</b>                  |                            |          |              |
| Total Plate Count                             | ≤1000cfu/g                 | Conforms | CP2020       |
| Yeast & Mold                                  | ≤50cfu/g                   | Conforms | CP2020       |
| E.Coli                                        | Negative                   | Negative | CP2020       |
| Salmonella                                    | Negative                   | Negative | CP2020       |
| Staphylococcus                                | Negative                   | Negative | CP2020       |
| <b>Conclusion</b>                             | Conform with specification |          |              |

Storage Cool & dry place.Do not freeze.Keep away from strong light and heat.

Shelf Life 24 months under the conditions above and in its original packaging.

Package In double sealed PP bags, 10/25kgs Drum.

Tested by: Mr Chen Date: 2024-05-13