



## Certificate of Analysis

| Product Name : Beta Carotene 2% Powder |                            |                 |           |
|----------------------------------------|----------------------------|-----------------|-----------|
| Batch No                               | HM2024/2402                | Lot &Batch Size | 2000Kgs   |
| Date of Manufacture                    | Nov - 2024                 | Expiry Date     | Oct -2027 |
| Tests                                  | Specification              | Results         |           |
| Physico-Chemical Analysis              |                            |                 |           |
| Description                            | Reddesh colour fine powder | Complies        |           |
| Identification                         | Should comply by TLC       | Pass            |           |
| Moisture Content LOD                   | Notmorethan8.0%            | 18%             |           |
| Bulkdensity                            | NMT0.3 Oto0.70g/ml         | 0.44g/ml        |           |
| Identification                         | Positive for Beta Carotene | Complies        |           |
| PhotochemicalAnalysis Assay            |                            |                 |           |
| Beta carotene by UV                    | Notlessthan2. 00%          | 2.21%           |           |
| Heavy Metals (As per USP)              |                            |                 |           |
| Lead                                   | < 2.0ppm                   | Complies        |           |
| Arsenic                                | < 1.8ppm                   | Complies        |           |
| Cadmium                                | < 0.5ppm                   | Complies        |           |
| Mercury                                | < 0.1ppm                   | Complies        |           |
| Microbiological Analysis               |                            |                 |           |
| Total plate Count                      | Not more than 1000cfu/g    | Complies        |           |
| Yeast & Moulds Count                   | Not more than 100cfu/g     | Complies        |           |
| Salmonella                             | Absent                     | Absent          |           |
| E.Coil                                 | Absent                     | Absent          |           |
| Coliforms                              | Absent                     | Absent          |           |

Sampling procedure of Beta Carotene Powder.