

# MACSOL LIFESCIENCE

## CERTIFICATE OF ANALYSIS

|              |                    |              |               |
|--------------|--------------------|--------------|---------------|
| Product Name | : HEALVITAL-10G    | Q.C. No.     | : MAQL321     |
| Generic Name | : MULTIVITAMIN TAB | SAMPLE No.   | : AF/321      |
| Packing      | : 10X1X10          | Testing Date | : 30/05/2024  |
| Batch No.    | : ML/24/1835       | Test Packing | : 10x10       |
| Batch Size   | : 150000 Tablets   | Test Qty.    | : 100 Tablets |
| Mfg. Date    | : 06/2024          | Test as per  | : In – House  |
| Exp. Date    | : 05/2026          | Release Date | : 04/06/2024  |

| N<br>o.    | TEST                      | RESULT             | SPECIFICATION                                    |               |          |
|------------|---------------------------|--------------------|--------------------------------------------------|---------------|----------|
| 1.         | Description               | Complies           | oval shaped, Brown colour, Film coated tablet.   |               |          |
| 2.         | Wt. of 20 tablet          | 18.20              | 18.00 gm = 5.0%                                  |               |          |
| 3.         | Av.weight of tablet       | 0.920              | 0.900 gm = 5.0 %                                 |               |          |
| 4.         | Uniformity of weight      | Complies           | Complies with $\pm 5.0$ % of av.weight of tablet |               |          |
| 5.         | Disintegration time       | 17:48 min          | Not more than 30 min                             |               |          |
| 6.         | Dissolution               | Complies           | Not less than 70 % in 45 Min                     |               |          |
| 7.         | <b>Assay</b>              | <b>Label Claim</b> | <b>% Limit</b>                                   | <b>Result</b> | <b>%</b> |
|            | Ginseng extract           | 42.5 mg            | 90% to 110%                                      | 42.5 mg       | 100 %    |
|            | Garlic power              | 2 mg               | 90% to 110%                                      | 2.1 mg        | 105 %    |
|            | Ginkgo biloba extract     | 10 mg              | 90% to 110%                                      | 10.1 mg       | 101 %    |
|            | Green tea extract         | 10 mg              | 90% to 110%                                      | 10.3 mg       | 103 %    |
|            | Grape seed extract        | 15 mg              | 90% to 110%                                      | 15.03 mcg     | 100.20 % |
|            | Citrus bioflavonoids      | 20 mg              | 90% to 110%                                      | 20.03 mg      | 100.15 % |
|            | Coenzyme Q-10             | 10 mg              | 90% to 110%                                      | 10.02 mg      | 100.20 % |
|            | EPA                       | 90 mg              | 90% to 110%                                      | 90.03 mg      | 100.03 % |
|            | DHA                       | 60 mg              | 90% to 110%                                      | 60.03 mg      | 100.05 % |
|            | LUTEIN.                   | 250 mg             | 90% to 110%                                      | 251 mg        | 100.40 % |
|            | GUGGUL                    | 5 mg               | 90% to 110%                                      | 5.04 mg       | 100.8 %  |
|            | GINGER ROOT EXT           | 10 mg              | 90% to 110%                                      | 10.05 mg      | 100.5 %  |
|            | GREEN COFFEE BEAN EXTRACT | 10 mg              | 90% to 110%                                      | 10.07mg       | 100.7 %  |
|            | GLUTAMINE                 | 10 mg              | 90% to 110%                                      | 10.06mg       | 100.06%  |
|            | BENFOTHIAMINE.            | 1.5 mg             | 90% to 110%                                      | 1.61 mg       | 107.33 % |
|            | BIOTIN                    | 30 mcg             | 90% to 110%                                      | 32 mcg        | 106.66%  |
|            | FOLIC ACID                | 50 mcg             | 90% to 110%                                      | 52 mcg        | 104. %   |
|            | VITAMIN K3                | 80 mg              | 90% to 110%                                      | 82.5 mg       | 103.13 % |
|            | NIACINAMIDE               | 15 mg              | 90% to 110%                                      | 16.5 mg       | 110 %    |
| PIPRINE    | 5 mg                      | 90% to 110%        | 5.10 mg                                          | 102 %         |          |
| VITAMIN B6 | 0.5mg                     | 90% to 110%        | 0.6                                              | 120 %         |          |

|                    |          |             |           |          |
|--------------------|----------|-------------|-----------|----------|
| VITAMIN A          | 1600 IU  | 90% to 110% | 1620 IU   | 101.25 % |
| VITAMIN B1         | 1 mg     | 90% to 110% | 1.01 mg   | 101 %    |
| VITAMIN B2         | 1 mg     | 90% to 110% | 1.05 mg   | 105 %    |
| VITAMIN D3         | 200 IU   | 90% to 110% | 208 IU    | 104 %    |
| GLUTAMIC ACID      | 20 mg    | 90% to 110% | 20.5 mg   | 102.50%  |
| ZINC               | 15 mg    | 90% to 110% | 15.04 mg  | 100.27 % |
| POTASSIUM          | 4 mg     | 90% to 110% | 4.03 mg   | 100.75 % |
| CHLORIDE           | 3.6 mg   | 90% to 110% | 3.9 mg    | 108.33 % |
| MANGANESE          | 1.5 mg   | 90% to 110% | 1.8 mg    | 120 %    |
| CALCIUM            | 5 mg     | 90% to 110% | 5.02 mg   | 100.4 %  |
| PHOPHOUS           | 3.86 mg  | 90% to 110% | 3.95 mg   | 102.33 % |
| COPPER             | 0.5mg    | 90% to 110% | 0.7mg     | 140 %    |
| SILICON            | 2 mg     | 90% to 110% | 2.03 mg   | 101.5 %  |
| BORON              | 150mcg   | 90% to 110% | 154 mcg   | 102.67 % |
| MOLYBDENUM         | 0.5 mcg  | 90% to 110% | 0.52 mcg  | 104 %    |
| CHROMIUM           | 65mcg    | 90% to 110% | 69 mcg    | 106.15%  |
| NICKEL             | 5mcg     | 90% to 110% | 5.04mcg   | 100.8 %  |
| SELENIUM           | 20mcg    | 90% to 110% | 20.02mcg  | 100.1 %  |
| IODINE             | 50mcg    | 90% to 110% | 54 mcg    | 100.8 %  |
| VANADIUM           | 10 mcg   | 90% to 110% | 10.03 mcg | 103 %    |
| TIN                | 2 mcg    | 90% to 110% | 2.05 mcg  | 102.5 %  |
| MENADIONE SODIUM   | 10 mcg   | 90% to 110% | 10.06 mcg | 100.6 %  |
| FERROUS FUMARATE   | 30 mg    | 90% to 110% | 30.08 mg  | 100.26 % |
| MAGNESIUM          | 30mg     | 90% to 110% | 30.06 mg  | 100.20 % |
| LACTIC ACID        | 500 lacs | 90% to 110% | 538 lacs  | 107.6 %  |
| BACTILUS           |          |             |           |          |
| CURCUMA LONGA      | 5 mg     | 90% to 110% | 5.04 mg   | 100.8 %  |
| LYCOPINE           | 2.5mg    | 90% to 110% | 2.80 mg   | 112 %    |
| IRON               | 18 mg    | 90% to 110% | 18.08 mg  | 100.45 % |
| VITAMIN C          | 12.5mg   | 90% to 110% | 12.70 mg  | 101.6 %  |
| VITAMIN E          | 12.5 mg  | 90% to 110% | 12.85 mg  | 102.8 %  |
| INOSITAL           | 5mg      | 90% to 110% | 5.2 mg    | 104 %    |
| PANATOTHENIC ACID  | 10 mg    | 90% to 110% | 10.3 mg   | 103 %    |
| METHYLCOBALAMIN    | 500 mcg  | 90% to 110% | 510 mcg   | 102 %    |
| METHIONINE         | 22 mg    | 90% to 110% | 22.4 mg   | 101.82%  |
| CHOLINE            | 10mg     | 90% to 110% | 10.3 mg   | 103 %    |
| BITARTRATE         |          |             |           |          |
| LYSINE             | 10 MG    | 90% to 110% | 10.3 mg   | 103 %    |
| L-CARNITINE        |          |             | 2550 mcg  | 102 %    |
| L- TRATRATE        | 2500 mcg | 90% to 110% | 2.6 mg    | 104 %    |
| CYSTEINE           | 2.5 mg   | 90% to 110% |           |          |
| GLYCYRRHIZA GIABRA |          |             | 5.3 mg    | 106 %    |
| EXTRACT            | 5 mg     | 90% to 110% | 5.1 mg    | 102%     |
| MIXED CAROTENOIDS  | 5 mg     | 90% to 110% |           |          |

The sample **complies/** does not complies with the prescribed standard of quality as per in-house and its release for packing

Date :04/06/2024

ANALYST



APPROVED BY: