



CERTIFICATE OF ANALYSIS

| | | | |
|-------------------------------------|---|-------------------|----------------------|
| Product name | Seniors 55 Nutrition Chocolate 30 Serving | Product type | Finished product |
| Batch no | FSE.2.1 | Batch size | 50 nos |
| Mfg date | 30.Aug.2024 | Exp date | 30.Aug.2025 |
| Date of batch release | 06.Sep.2024 | Quantity released | 49nos |
| Test | Result | Limit | Test method |
| Physico – Chemical character | | | |
| Colour | Confirms | Brown Powder | Visual |
| Chemical characters | | | |
| Protein (g/Serving) | 15.43 g | 15 g | IS 7219-1973 |
| Vitamin C (mg/Serving) | 80.64 mg | 80 mg | HPLC |
| Vitamin D3 (I.U/Serving) | 605 I.U. | 600 I.U. | LAP_P_SOP_182 |
| Vitamin K2-7 (mcg/Serving) | 55.34 mcg | 55 mcg | HPLC |
| Vitamin B6 (mg/Serving) | 2.0 mg | 1.9 mg | HPLC |
| Vitamin B9 (mcg/Serving) | 301 mcg | 300 mcg | HPLC |
| Vitamin B12 (mcg/Serving) | 2.59 mcg | 2.5 mcg | UPLC |
| Calcium (mg/Serving) | 255 mg | 250 mg | Lab P SOP 416 |
| Magnesium (mg/Serving) | 254 mg | 250 mg | Lab P SOP 416 |
| Zinc (mg/Serving) | 17.5 mg | 17 mg | AAS |
| Manganese (mg/Serving) | 4.65 mg | 4 mg | IH |
| Chromium (mcg/Serving) | 50.4 mcg | 50 mcg | IH |
| Chloride (mg/Serving) | 405mg | 400mg | AAS |
| Sodium (mg/Serving) | 453 mg | 450 mg | AAS |
| Pottasium (mg/Serving) | 102 mg | 105 mg | AAS |
| Heavy metals | | | |
| Mercury (mg/kg) | BLQ | Max 1.0 | LAB P SOP 221 |
| Cadmium (mg/kg) | BLQ | Max 0.3 | LAB_P_SOP_221 |
| Arsenic (mg/kg) | BLQ | Max 3.0 | LAB P SOP 221 |
| Lead (mg/kg) | BLQ | Max 10.0 | LAB P SOP 221 |
| Microbial Limit | | | |
| Total plate count (cfu/g) | <10 | Not Specified | ISO 4833 - 1 : 2013 |
| Yeast & Mould Count (cfu/g) | <10 | Not Specified | ISO 21527 - 2 : 2008 |
| E.Coli (cfu/g) | Absent | Not Specified | ISO 16649 - 2 : 2001 |
| Coliform (cfu/g) | Absent | Not Specified | ISO 4832 : 2006 |

BLQ : Below Limit Of Quantification .



Note :< 10 = No microbial growth observed in 1:10 dilution.

Note:- The heavy metals specification derived from section II, voluntary certification Scheme for Ayush Products.

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***End of Report.**