# CERTIFICATE OF SPECIFICATION

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| --- | --- |
| Technical Name  | Moringa oleifera Extract (Protein 8-10 %) |
| Product Category | (a) Botanical Extract (Moringa oleifera Extract) |
| Brand Name | Bioringa |
| Manufactured By | Ezzy Bio Sciences Pvt.Ltd. Survey No 90/2/1 Mehrja Gram, Dist. Khargone-451001 (M.P.) |
|  Batch No. | MO210329 | Batch Size | 1000 Litre  |
|  Mfg . Date | March - 2021 | Exp. Date | Feb - 2023 | Report date | March.30.2021 |

**PHYSICAL PROPERTY**

|  |  |  |  |
| --- | --- | --- | --- |
| **S.N.** | **Parameters** | **Result** | **Results** |
| 1 | Appearance | Liquid | Liquid |
| 2 | Odour  | Characteristics | Characteristics |
| 3 | pH |  4.58 | 4.5 ±1 |
| 4 | Specific Gravity  |  1.07 | 1.01-1.08 |

 **CHEMICAL PROPERTY**

|  |  |  |  |
| --- | --- | --- | --- |
| **S.N.** | **Parameters** | **Result** | **Results** |
| **1** | Moringa oleifera Protein (a.i.) |  8.25 % | 8-10 % |
| **2** | Moringa oleifera Extract |  Q.S. | Q.S. |

**HEAVY METAL ANALYSIS**

|  |  |  |  |
| --- | --- | --- | --- |
| **S.N.** | **Parameters** | **Result** | **Specification in mg/kg (Maximum)** |
| 1 | Cadmium as Cd | 0.17 mg/kg | 5.00 mg/kg |
| 2 | Chromium as Cr  | 0.51 mg/kg | 50.00 mg/kg |
| 3 | Copper as Cu | 1.54 mg/kg | 300.00 mg/kg |
| 4 | Zinc as Zn | 0.13 mg/kg | 1000.00 mg/kg |
| 5 | Lead as Pb | 0.24 mg/kg | 100.00 mg/kg |
| 6 | Arsenic as As2O3 |  0.21 mg/kg | 10.0 mg/kg |