

Distributed by



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**Specifications: CollaBZen™**

|  |   |                             |  |
|--|---|-----------------------------|--|
| <b>Product Name</b>                            | <b>CollaBZen™</b>                         | <b>Botanical Source</b>     | <i>Phyllanthus emblica, Camellia sinensis, Coffea Arabica,</i> |
| <b>Solvent Used</b>                            | Ethanol and Water                         | <b>Issue Date</b>           | 12/Jul/2022  |
| <b>Part used</b>                               | Leaf, Fruit                               | <b>Review date.</b>         | 2 years / As required  |
|  |   |                             |  |
| <b>PARAMETER</b>                               | <b>SPECIFICATION</b>                      | <b>Method</b>               |  |
| <b>Physical &amp; Chemical Characteristics</b> |   |                             |  |
| Appearance                                     | Fine Powder                               | Organoleptic                |  |
| Color  | Dark brown color                          | Organoleptic                |  |
| Odour  | Characteristic                            | Organoleptic                |  |
| Taste  | Sour                                      | Organoleptic                |  |
| Solubility in water                            | Soluble in Water                          | IP 2014                     |  |
| <b>Analytical Quality</b>                      |   |                             |  |
| Sieve analysis                                 | 90% through 80 mesh                       | IP 2014                     |  |
| Loss on drying                                 | NMT 7 %                                   | IP 2014                     |  |
| pH (10% solution)                              | 5 - 7                                     | IP 2014                     |  |
| Total Polyphenol<br>By UV spectrophotometer    | NLT 30%                                   | ISO 14502-1:2005/Cor 1:2006 |  |
| <b>Contaminants</b>                            |   |                             |  |
| Lead   | NMT 3.0ppm                                | ICP-MS                      |  |
| Arsenic  | NMT 1.0ppm                                | ICP-MS                      |  |
| Mercury  | NMT 0.5ppm                                | ICP-MS                      |  |
| Cadmium  | NMT 1.0ppm                                | ICP-MS                      |  |
| <b>Microbial Profile</b>                       |   |                             |  |
| Total Plate Count                              | NMT 5,000 cfu/g                           | ISO 4833-1                  |  |
| Yeast and Mold                                 | NMT 500 cfu/g                             | ISO 21527-2                 |  |
| E.Coli   | Negative                                  | ISO 4832                    |  |
| Salmonella                                     | Negative                                  | ISO 6579-1                  |  |
| <b>Shelf life</b>                              | 24 months from the date of manufacturing. |                             |  |

NLT-Not less than; NMT-Not more than COMPUTER COPY-NO SIGNATURE REQUIRED

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