



## SPECIFICATION FOR BLACK PEPPER

|                          |   |
|--------------------------|---|
| <b>PRODUCT NAME</b>      | BLACK PEPPER  |
| <b>BOTANICAL NAME</b>    | <i>PIPER NIGRUM</i>   |
| <b>COUNTRY OF ORIGIN</b> | INDIA   |
| <b>PLANT PART USED</b>   | CLEAN DRIED SEED  |
| <b>DESCRIPTION</b>       | ORGANIC BLACK PEPPER IS A PREMIUM SPICE KNOWN FOR ITS SHARP PUNGENCY & BOLD AROMA, SOURCED NATURALLY WITHOUT CHEMICAL INPUTS & PRESERVATIVES. |

### ANALYSIS PARAMETERS

| PARAMETER   | SPECIFICATION  |
|---|--|
| <b>PHYSICO – CHEMICAL ANALYSIS</b>  |  |
| Color   | Characteristics, Black, uniform and clean appearance           |
| Smell/Odor  | Characteristics, Strong, sharp, and penetrating aromatic scent |
| Taste   | Characteristic, Pungent, hot, slightly woody and spicy flavor  |
| Purity  | Not less than 99.9%  |
| Moisture  | Not more than 12.0% (%w/w)                                     |
| Volatile Oil (on dry basis)   | Not less than 1.0 ml/100 gm                                    |
| Total Ash   | Not more than 7%   |
| Acid Insoluble Ash  | Not more than 1.5%   |
| Extraneous Matter   | Not more than 2%   |
| Broken seeds  | Not more than 5%   |
| Foreign Matter  | Not more than 0.5%   |
| <b>MICROBIOLOGICAL ANALYSIS (These parameters can be customized as per recommendations)</b> |  |
| Total Plate Count   | Not more than 50,000 CFU/g                                     |
| Yeast & Mould   | Not more than 1000 CFU/g                                       |
| Coliform  | Not more than 100 CFU/g  |
| Salmonella  | Absent in 25g  |
| E. Coli   | Absent in 1g   |
| <b>HEAVY METAL</b>  |  |
| Lead  | Within CODEX limits  |
| Cadmium   | Within CODEX limits  |
| Mercury   | Within CODEX limits  |

### OTHER PARAMETERS

|                              |  |
|------------------------------|--|
| <b>PESTICIDES</b>            | The product is cultivated without the use of synthetic pesticides, herbicides, or chemical fertilizers in accordance with organic farming standards. Residues of synthetic pesticides are <b>not detected</b> or are <b>below the Maximum Residue Limits (MRLs)</b> as specified by relevant international organic regulations |
| <b>GMO STATUS</b>            | Non - GMO, free from genetically modified organizations  |
| <b>ALLERGENS INFORMATION</b> | Non - Allergen, free from all major allergen's   |

|                  |   |
|------------------|---|
| <b>AFLATOXIN</b> | As Per the regulations of the destination country |
|------------------|---|

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|--|--|
| <b>STORAGE CONDITION</b>   | To be stored at room temperature under proper conditions.  |
| <b>SHELF LIFE</b>  | 24 months from manufacturing date under proper conditions.   |
| <b>PACKAGING</b>   | Paper Bag, HDPE bag, Vacuum Pack, Corrugated Box. Each Packing is labelled with customer required information or as per In-house format or options as suggested. |
| <b>PACKAGING SIZE</b>  | 5kg, 10kg, 15kg, 25kg  |
| <b>QUANTITY SIZE</b>   | For 20ft. container: 8mt<br>For 40ft container: 16mt   |
| * Other mandatory requirement's will be in compliance to the respective regulations of the destination country |  |
| * These tests are performed when required  |  |

**Reviewed by**  
Ankita M.  
Product Development

**CIN no.**

**Address of office/ Factory**  
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Agrioleads  
Organ