

### Grade designation and quality of Cumin powder

| Grade       | Quality                 |                      |                               |  |                               |   |
|-------------|-------------------------|----------------------|-------------------------------|--|-------------------------------|---|
| Designation | Special Characteristics |                      |                               |  |                               |   |
|             | Moisture<br>% (m/m)     | Total ash<br>% (m/m) | Acid insoluble<br>ash % (m/m) | Non-Volatile<br>ether extract<br>% (m/m) | Volatile Oil<br>% (ml/100 gm) | General<br>Characteristics  |
|             | Max.                    | Max.                 | Max.                          | Min.                                     | Min.                          |   |
| (1)         | (2)                     | (3)                  | (4)                           | (5)                                      | (6)                           | (7)   |
| Special     | 9.0                     | 8.0                  | 1.5                           | 15.0                                     | 1.5                           | (1) Cumin Powder shall be obtained by grinding dried Cumin (Whole);   |
| Standard    | 12.0                    | 9.5                  | 1.5                           | 8.0                                      | 1.0                           | (2) It shall be ground to such a fineness that it shall pass completely through a 1000 micron sieve;<br><br>(3) Its flavour shall be characteristic, aromatic and not musty;<br><br>(4) It shall be free from added colouring matter or any other foreign matter;<br><br>(5) It shall be free from mould growth, living insects and practically free from dead insects, insect fragments and rodent contamination;<br><br>(6) It shall comply with restrictions in regard to Aflatoxins, Metallic Contaminants, Insecticide or Pesticide residue, Poisonous metals, naturally occurring contaminants, Microbial load and the like as specified by the Codex Alimentarius Commission or as per buyers requirements for export purposes and the Prevention of Food Adulteration Rules, 1955 for domestic trade. |