**I. Product Information**

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| Item Name: | Instant Coffee Powder |
| Item Code: | COF-PHG50 |
| Brand: | **Coffee HG50** |
| Supplier/Distributor: | Mapleway International Distributions Corporation |

**II. Specifications**

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| --- | --- | --- |
| **Parameter** | **Standard** | **Method** |
| **II.A Sensory Characteristics** | | |
| Appearance (As is) | Dark brown, dry, and loose powder, free from lumps and foreign materials, little scorched particles are acceptable. | TMT-QCRM-005 |
| Odor (1% Sol’n) | Typical coffee aroma, no off odor | TMT-QCRM-005 |
| Taste (1% Sol’n) | Strong coffee taste, mild acidity, moderate bitterness, and strong body, no off taste | TMT-QCRM-005 |
| **II.B Physico-Chemical Properties** | |  |
| Moisture Content, % | <5.0% | TMT-QCRM-001 |
| Bulk Density, g/L | 200-230 | TMT-QCRM-004 |
| pH | 5.0-5.2 | TMT-QCRM-003 |
| Caffeine, %\* | ≥2.0 | GB/T 5009.139 |
| Ash Content, %\* | < 10 | GB/T 5009.4 |
| Aqueous Extract\* | >95.0% | GB/T 5413.29 |
| Lead (Pb)\* | < 1 mg/kg | GB/T 5009.12 |
| Arsenic (As)\* | < 1 mg/kg | GB/T 5009.11 |
| Gammexane, mg/kg\* | Negative | GB/T 5009.19 |
| DDT, mg/kg\* | Negative | GB/T 5009.19 |
| **III.C Microbiological Standards** | | |
| Total Plate Count, CFU/g\* | <1000 | GB/T 4789.2 |
| Coliform group, MPN/100g\* | <100 | GB/T 4789.3 |
| Pathogen (salmonella, Shigella, Staphylococcus aureus) \* | Negative | GB/T 4789.4, GB/T 4789.5,  GB/T 4789.10, GB/T 4789.11 |
| E-Coli\* | Negative | GB/T 4789.3 |
| Ochratoxin A, <1ppb\* | Negative | --- |
| Aflatoxin, <1ppb\* | Negative | --- |

**…continuation**

|  |  |  |
| --- | --- | --- |
| Mould, CFU/g\* | <100 | GB 4789.15-2010 |
| Yeast, CFU/g\* | <100 | GB 4789.15-2010 |

**\****Test results based on the CoA provided by the supplier.*

**III. Packaging and Storage Condition**

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| --- | --- |
| Packaging | 25-kg, multilayer kraft bag with poly-inner liner |
| Shelf-life | 24 months from manufacturing date |
| Pallet Stacking | 4 x 5 |
| Storage Condition | Store in a dry, well-ventilated area, away from direct heat and sunlight. |
| Room Temp. and RH | 25 - 37°C; 50-70% |

**IV. Rejection Factor**

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| --- | --- |
| Major | Appearance, Taste, Odor, Moisture, Bulk Density, pH, Microbiological Standards |
| Minor | Caffeine, Ash Content, Aqueous Extract, Lead, Arsenic |

**Revision Record**

|  |  |  |  |
| --- | --- | --- | --- |
| Revision no. | Date | Revision | Author |
| 00 | January 29, 2024 | Initial Issue | C. Quintans |