**I. Product Information**

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| --- | --- |
| Item Name: | Instant Coffee Powder |
| Item Code: | COF-PB6 |
| Brand: | **Coffee B6 Plus** |
| Supplier/Distributor: | Mapleway Int’l Distribution Corp. |

**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, % | <4.0% | TMT-QCRM-001 |
| Bulk Density, g/L | 250-340 g/L | TMT-QCRM-004 |
| pH | 4.7-6.0 | TMT-QCRM-003 |
| Caffeine, %\* | > 2.25 |  |
| Solubility | Soluble within 30 sec in hot water with moderate stirring | TMT-QCRM-006 |
| Lead, ppm\* | s 2 | ICP-MS |
| Mercury, ppm\* | S 0.05 | ICP-MS |
| Arsenic, ppm\* | M 1 | ICP-MS |
| Cadmium, ppm | «1 | ICP-MS |
| Tin, ppm | S | ICP-MS |
| **III.C Microbiological Standards** | | |
| Total Plate Count, CFU/g\* | <3000 CFU/g | Pour Plate |
| Coliform\* | Absent | Dry Rehydratable Film |
| E.coli\* | Absent | Dry Rehydratable Film |
| Yeast and Molds, CFU/g\* | ^100 | Pour Plate |
| Staph. Aureus\* | Absent | Pour Plate |
| Salmonella\* | Absent | Pour Plate |

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

**III. Packaging and Storage Condition**

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| --- | --- |
| Packaging | 30-kg corrugated carton with polyethylene liner |
| Shelf-life | 24 months from manufacturing date |
| 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 Content, Bulk Density, pH, Microbiological Standards |
| Minor | --- |

**Revision Record**

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