HEALTH SOURCES
NUTRITION CO.,LTD.

# TECHNICAL DATA SHEET

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|---|---|
| Product code | 030223 |
| Product | Aframomum melegueta extract |
| Specification | 6-paradol≥4.0%, HPLC |
| Part used | Seeds |
| *Botanical source* | *Aframomum melegueta* |
| Solvent | Water and Ethanol |
| Carrier | None |

| Items | Specification | Methods |
|---|---|---|
| **Physical & chemical** | | |
| Color | Yellow brown | Organoleptic |
| Odor | Characteristic | Organoleptic |
| Appearance | Fine powder | Organoleptic |
| **Analytical quality** | | |
| Identification | Identical to *R.S.* sample | HPTLC |
| Sieve analysis | 90% through 80 mesh | Eur.Ph.<2.9.12> |
| Loss on drying | ≤5.0% | Eur.Ph.7.0 [2.8.17] |
| Total ash | ≤10.0% | Eur.Ph.<2.4.16> |
| Bulk density | 40~60g/100mL | Eur.Ph.<2.9.34> |
| Tap density | 60~90g/100mL | Eur.Ph.<2.9.34> |
| 6-Paradol | ≥4.0% | HPLC |
| **Contaminants** | | |
| Lead (Pb) | ≤3.0mg/kg | Eur.Ph.<2.2.58>ICP-MS |
| Arsenic (As) | ≤2.0mg/kg | Eur.Ph.<2.2.58>ICP-MS |
| Cadmium (Cd) | ≤1.0mg/kg | Eur.Ph.<2.2.58>ICP-MS |
| Mercury (Hg) | ≤0.1mg/kg | Eur.Ph.<2.2.58>ICP-MS |
| Solvents residue | Meet Eur. Ph. Requirements | Eur.Ph.<2.4.24> |
| Pesticides residue | Meet Eur. Ph. Requirements | Eur.Ph.<2.4.13> |
| **Microbiological** | | |
| Total plate count | ≤10000cfu/g | Eur.Ph.<2.6.12> |
| Yeast & mold | ≤1000cfu/g | Eur.Ph.<2.6.12> |
| E. Coli. | Negative | Eur.Ph.<2.6.13> |
| Salmonella | Negative | Eur.Ph.<2.6.13> |
| **General Status** | | |
| Non-Irradiation | ≤700 | EN13751:2002<PSL> |

Net weight: 25kgs/Drum

Gross weight: 27.5Kgs±0.5kg/Drum

24 months under 30℃ in a well-closed container and away from moisture, light, oxygen.

**HEALTH SOURCES NUTRITION CO., LTD.**

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BRCGS Food Safety CERTIFICATED CQC22BR0055R0M3400
CQC 00119Q310384R0S/3400
IQNET CERTIFIED MANAGEMENT SYSTEM CN00119Q310384R0S/3400