



HERBO NUTRA
extract pvt. ltd.

Think Extract
Think Herbo Nutra

CERTIFICATE OF ANALYSIS

PRODUCT DESCRIPTION

| | | | |
|-------------------------|-------------------------|---------------------------|----------------|
| Product Name | Fadogia Extract | Nature of product | Powder |
| Botanical Name | <i>Fadogia agrestis</i> | Origin | India |
| Part Used, Ratio | Leaf, 10:1 | Solvents Used | Hydroalcoholic |
| Batch No. | HN/FE/202401650 | Manufacturing Date | Jan-24 |
| Batch Quantity | 20 kg | Expiry date | Dec-27 |

TESTING PARAMETERS

PHYSICAL PARAMETERS

| Items | Specification | Method | Results |
|-------------------|----------------------|---------------|----------------|
| Color | Brown | Organoleptic | Complies |
| Odour | Characteristic | Organoleptic | Complies |
| Taste | Natural | Organoleptic | Complies |
| Solubility | Soluble in water | In House | Complies |
| Appearance | Fine Powder | Organoleptic | Complies |

ANALYTICAL QUALITY

| | | | |
|--------------------------------|--------------------------|----------|----------|
| Identification | Identical to R.S. sample | TLC | Complies |
| Sieve analysis | 90% through 80 mesh | Sieve | Complies |
| Moisture (w/w) | < 10.0% | In House | 4.45% |
| Ash (w/w) | < 5.0% | In House | 3.12% |
| Acid insoluble ash(w/w) | < 2.4% | In House | 1.18% |
| Bulk Density | 40-80 g/100mL | In House | Complies |

HEAVY METALS

| | | | |
|----------------|-------------|---------|-------|
| Arsenic | Max 1.1 ppm | ICP-OES | B.L.Q |
| Cadmium | Max 1.0 ppm | ICP-OES | B.L.Q |
| Lead | Max 2.5 ppm | ICP-OES | B.L.Q |
| Mercury | Max 0.1 ppm | ICP-OES | B.L.Q |

CONTAMINANTS

| | | | |
|----------------------------|----------------------|-------------------------------------|----------|
| Aflatoxin B1 | ≤2ppb | EASI-CHE-SOP-18 | Complies |
| Aflatoxin B2 | ≤2ppb | EASI-CHE-SOP-18 | Complies |
| Aflatoxin G1 | ≤2ppb | EASI-CHE-SOP-18 | Complies |
| Aflatoxin G2 | ≤2ppb | EASI-CHE-SOP-18 | Complies |
| Ethylene Oxide | ≤0.01mg/kg | EKA-CHE-SOP-053(By GC-MS) | Complies |
| Pesticides Residues | Organic Requirements | EKA-CHE-SOP-030(By LC-MSMS&GC-MSMS) | Complies |

Address: A-2/66, UPSIDC SITE 5, Kasna Surajpur Industrial Area, Gautam Budh Nagar, UP-201308, India

Telephone: +91 9911016820, Email: ceo@herbonutra.com, Web: www.herbonutra.com

Doc No. HNEPL/F/QC/09, Version 5



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MICROBIOLOGICAL PARAMETERS

| | | | |
|------------------------------|--------------|----------------------------|-------------|
| Total Plate count /g | <10000 CFU/g | ISO 4833-1-2013 | <1000 CFU/g |
| Yeast & Molds /g | <100 CFU/g | ISO 21527-2:2008 | <100 CFU/g |
| Coliform/g | <10 CFU/g | ISO 4832:2006 | <10 CFU/g |
| Escherichia coli /25g | Negative | ISO 16649-2-2001 | Negative |
| Salmonella /25g | Negative | ISO 6579-1:2017/AMD 1:2020 | Negative |

Note: B.L.Q – Below Limit of Quantification, Limit of Quantification: 0.05mg/kg for Heavy Metals

| | |
|----------------------------|---|
| Packing and Storage | Store in sealed containers at cool & dry place to protect from light, moisture and pest infestation. |
| Appearance | This is a natural product and there may be color variations from lot to lot due to crop fluctuations from harvest to harvest. |
| Shelf Life | 36 months under the above condition, and in its original package. |

| | |
|---|------------------------------------|
| PREPARED BY (QC/QA Executive) | APPROVED BY (QC/QA Head) |
|---|------------------------------------|

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