

CERTIFICATE OF ANALYSIS (COA)

| | | | |
|--------------------|-------------|-------------------|------------|
| Product Name | Dates Paste | Batch Number | NA |
| PO Reference No | NA | Quantity Supplied | NA |
| Manufacturing Date | 2026-06-02 | Expiry Date | 2027-12-02 |
| Release Date | 2026-06-08 | | |

| | |
|-------------|---|
| Ingredients | 100% Natural Dates, No additives or Preservatives |
| Storage | 18-25°C store in a cool dry place |
| Allergens | Dates Paste does not contain & is Free from the following Allergens: Milk, Eggs, Crustaceans, Soy, and Tree Nuts (Almonds, Walnuts & Pecans), Sesame, Wheat, and Barely & Oats). The material is Gluten Free; No products containing gluten are handled, processed, or stored facility. |

1. Chemical & Nutritional Analysis

1A. PHYSICAL & CHEMICAL SPECIFICATIONS

| PARAMETER NAME | UNIT | OBSERVED VALUE | TEST METHOD REF |
|----------------|------|--|-------------------------|
| Moisture | % | 17%-20% | LOD |
| Color | - | Light to mid brown, uniform in color | Organoleptic |
| Water Activity | aw | 0.580-0.650 | By Water Activity Meter |
| Texture | - | Paste | Organoleptic Evaluation |
| Aroma | - | Typical of Dates, free from off or objectionable aromas or taints. | Organoleptic Evaluation |
| Flavour | - | Typical of Dates, free from off or objectionable flavours. | Organoleptic Evaluation |

2. MICROBIOLOGICAL ANALYSIS

| PARAMETER NAME | UNIT | OBSERVED VALUE | FSSAI STANDARDS THRESHOLD |
|------------------------|-------|------------------|---------------------------|
| Salmonella | /25g | Negative in 375g | Culture |
| Aerobic plate Count | - | <1000 | A.O.A.C |
| Escherichia coli | - | Not Detected | GB 4789.38 |
| Enterobacteriaceae | cfu/g | Not Detected | ISO 21528 (Part 2): 2017 |
| Total Coliforms | CFU/g | <10 | USFDA BAM CHP.04 |
| Listeria monocytogenes | /25g | Not Detected | IS 14988 (Part 1) |
| Yeasts & Mold | CFU/g | <100 | USFDA BAM CHP.18 |
| Bacillus Cereus | CFU/g | <10 | USFDA BAM CHP.14 |

3. CONTAMINANTS, RESIDUES & HEAVY METALS

| PARAMETER NAME | UNIT | OBSERVED VALUE | MAX LIMIT PERMITTED |
|-------------------|-------|----------------|---------------------|
| Pesticide Residue | Mg/Kg | Nil | GCMS |
| Aflatoxin B1 | µg/kg | <0.1 | SOP-CHM-36-02 |
| Aflatoxin B2 | µg/kg | <0.1 | SOP-CHM-36-02 |
| Aflatoxin G1 | µg/kg | <0.1 | SOP-CHM-36-02 |
| Aflatoxin G2 | µg/kg | <0.1 | SOP-CHM-36-02 |
| Total Aflatoxins | ug/Kg | <0.4 | LCMS/MS |
| Lead(Pb) | ug/Kg | <0.01 | ICPMS |
| Cadmium(Cd) | - | <0.01 | ICPMS |
| Mercury(Hg) | mg/Kg | <0.001 | ICPMS |
| Arsenic(As) | - | <0.01 | ICPMS |
| Tin (Sn) | - | <0.10 | ICPMS |