SARIKA VENTURES

CERTIFICATE OF ANALYSIS (COA)

Product Name	**Dates Syrup**	**Batch Number**	**NA**
PO Reference No	**NA**	**Quantity Supplied**	**NA**
Manufacturing Date	**2026-06-02**	**Expiry Date**	**2027-06-02**
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 Powder 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
Color	-	Dark Brown color syrup	Organoleptic
pH	-	4.0-5.0	pH Meter
Sucrose	g/100g	<0.5	By HPLC
Glucose	g/100g	31	By HPLC
Fructose	g/100g	32	By HPLC
Odor	-	Characteristic odour without any off notes	Organoleptic Analysis
Taste	-	Sweet Caramel Taste with a Brown sugar Flavour	Organoleptic Analysis
Total Ash	g/100g	2	SOP-CHM-111-00
Flavor	-	Very Sweet	Sensory Evaluation
Brix	%	70%-74%	Refractometer
Titratable Acidity	%	<1%	Titratable Acidity Meter
Magnesium	Mg/100g	53	ICP-OES

1C. NUTRITIONAL PROFILE (PER 100G)

PARAMETER NAME	UNIT	OBSERVED VALUE	TEST METHOD REF
Energy	kJ/100g	299	Calculated
Total Fat	g/100g	<0.1	SOP-CHM-100-01
Potassium	Mg/100g	585	ICP-OES
Calcium	Mg/100g	49	ICP-OES
Iron	Mg/100g	03	ICP-OES
Total Sugar	g/100g	65	SOP-CHM-123-00
Protein	g/100g	1.3	SOP-CHM-137-00

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PARAMETER NAME	UNIT	OBSERVED VALUE	TEST METHOD REF
Sodium	Mg/100g	30	ICP-OES
Carbohydrates	g/100g	73	IS
Fiber	g/100g	6	AOAC

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2. MICROBIOLOGICAL ANALYSIS

PARAMETER NAME	UNIT	OBSERVED VALUE	FSSAI STANDARDS THRESHOLD
Aerobic plate Count	-	<1000	A.O.A.C

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
Lead(Pb)	ug/Kg	<0.10	ICPMS
Cadmium(Cd)	-	<0.10	ICPMS
Mercury(Hg)	mg/Kg	<0.10	ICPMS
Arsenic(As)	-	<0.10	ICPMS
Tin (Sn)	-	<1.0	ICPMS
Copper (Cu)	mg/Kg	<0.10	ICPMS

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