

## CERTIFICATE OF ANALYSIS (COA)

Product Name	Jaggery Powder	Batch Number	NA
PO Reference No	NA	Quantity Supplied	NA
Manufacturing Date	2026-06-02	Expiry Date	2028-06-02
Release Date	2026-06-08		

Ingredients	100% Jaggery, No additives or Preservatives
Storage	18-25°C store in a cool dry place
Allergens	The material is Gluten Free; No products containing gluten are handled, processed, or stored facility.

## 1. Chemical &amp; Nutritional Analysis

## 1A. PHYSICAL &amp; CHEMICAL SPECIFICATIONS

PARAMETER NAME	UNIT	OBSERVED VALUE	TEST METHOD REF
Moisture	%	Max 7.0	LOD
Sucrose	g/100g	Min 70.0	By HPLC
Sulphated Ash	g/100g	Max 4.0	FSSAI manual No.4
Acid Insoluble Ash	g/100g	Max 0.3	SOP-CHM-111-00
Purity	-	No presence of Metanil yellow and sodium bicarbonate	FSSAI manual of adulteration
Extraneous matter	g/100 g	Max 1.5	FSSAI manual No.4

## 1C. NUTRITIONAL PROFILE (PER 100G)

PARAMETER NAME	UNIT	OBSERVED VALUE	TEST METHOD REF
Total Sugar	g/100g	Min 90.0	SOP-CHM-123-00
Reducing sugars	g/100g	Max 20.0	IS 6287:1985

## 2. MICROBIOLOGICAL ANALYSIS

PARAMETER NAME	UNIT	OBSERVED VALUE	FSSAI STANDARDS THRESHOLD
Total Plate Count	CFU/g	22000	Standard Plate Count
Coliform count	cfu/gm	Absent	IS 5401:2012
Yeast & Mould Count	cfu/gm	360	IS 5403:1999
E.Coli	cfu/gm	Absent	IS 5887 (Part 1): 1976

## 3. CONTAMINANTS, RESIDUES & HEAVY METALS

PARAMETER NAME	UNIT	OBSERVED VALUE	MAX LIMIT PERMITTED
----------------	------	----------------	---------------------