



NIKHIL ANALYTICAL & RESEARCH PVT. LTD.

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CERTIFICATE OF ANALYSIS

L1/S238	24/05/2022		
Name/ Organization	Ganga Jaggery & Jaggery Products, Malikwadi.		
Sample Description	Jaggery		
Sample collected by	Party	Sample Received on	16/05/2022
Sample Analyzed by	Smt. Aishwarya	Analysis Completed on	24/05/2022

Sr.	Parameter	Unit	Value	Limits
A. Nutritional Values				
1.	Moisture	%	07.62	<10.00
2.	Total Minerals (On Dry Basis)	%	01.70	<6.00
3.	Crude Protein	%	00.16	-
4.	Crude Fat	%	00.11	-
5.	Crude Fiber	%	00.00	-
6.	Carbohydrate	%	90.54	-
7.	Energy	Kcal/100g	363.79	-
B. Others				
8.	Sucrose (On Dry Basis)	%	74.26	>60.00
9.	Reducing Sugar (On Dry Basis)	%	19.31	-
10.	Total Sugar as Invert Sugar (On Dry Basis)	%	97.48	>90.00
11.	Sulphur Dioxide	ppm	08.0	<70
12.	pH (5 % Solution)	-	05.51	-
13.	Extraneous & Insoluble Matter (On Dry Basis)	%	00.10	<2.00
14.	Vitamin C	mg/100g	138.65	-
C. Minerals				
15.	Phosphorous	mg/100g	19.18	-
16.	Potassium	mg/100g	459.49	-
17.	Calcium	mg/100g	48.92	-
18.	Magnesium	mg/100g	68.24	-
19.	Iron	ppm	13.10	-
20.	Manganese	ppm	00.51	-
21.	Zinc	ppm	01.15	<50.00
22.	Copper	ppm	00.38	<30.00
23.	Sodium	mg/100g	22.04	-
24.	Lead	ppm	<0.10	<2.5
25.	Mercury	ppm	<0.01	<1.0
26.	Arsenic	ppm	<0.10	<1.1
27.	Cadmium	ppm	<0.10	<1.5
28. Pesticides				
A.	Organochlorine Pesticide	-	Absent	Absent
B.	Organophosphoric Pesticide	-	Absent	Absent

Remark: Sample confirms to the standards of gur as per food safety and standards act 2006, Rules 2011 and Regulation 2011.


Analyst / Lab In-Charge


Managing Director
Nikhil Suhas Khambe
B.Tech (Bio-tech)



Note: The report refers only to submitted sample. It cannot be used for court purpose. We are not responsible for any legal matter. FOOD, FEED, FUEL, WATER, SOIL, PLANT MATERIAL, ORGANIC MANURE, CHEMICAL-BIOLOGICAL FERTILIZER, PGR, AYURVEDIC & PHARMACEUTICALS, INDUSTRIAL MATERIAL, SOLID WASTE, WASTE WATER, AIR POLLUTION, ENVIRONMENTAL MONITORING, ETP & STP DESIGNING & CONSTRUCTION.