

JAGDAMBA LABORATORIES (OPC) PVT. LTD.

(Formerly Known as Jagdamba Laboratories)

Govt. Approved Test House • ISO 9001: 2015 • GLP Certified Lab.

119, Solitaire Industrial Park, Phase-1st, Dahmi Kallan, Bagru, Jaipur - 303007 (Rajasthan)

Tel. : 0141-2390604 Email : jagdambalab4@gmail.com, jagdamba_lab@yahoo.com Web : jagdambalab.com

TESTING OF WATER | FOODS | ALCOHOLIC DRINKS | DRUGS | HERBALS | COSMETICS | CHEMICALS | MINERALS | BUILDING MATERIAL | METALS

TEST REPORT

Sample Name	SAFFRON SAMPLE		
Report No.	JLFD240222001	Batch No.	06
Sample Code	NA	Mfg. Date	NA
Date of Received	22/02/2024	Exp. Date	NA
Started of Analysis	22/02/2024	Sample Condition	Sealed
End of Analysis	26/02/2024	Sample Qty.	5g
Report Release Date	26/02/2024	Ref. No.	1548 Dt: 22.02.24
Sample Submitted By	MSD SAHARIA INDUSTRIES PVT. LTD. G-70, BHAWANI NAGAR, MURLIPURA, JAIPUR-302039		
Test Report Issued to	MSD SAHARIA INDUSTRIES PVT. LTD. G-70, BHAWANI NAGAR, MURLIPURA, JAIPUR-302039 RAJASTHAN		
Environment Condition	Temperature (°C) - As per Standard, Relative Humidity (%) - As per Standard		

TEST RESULTS

Reference : As per Food Safety & Standards Regulations 2011

Sl. No.	Test Parameters	Units	Results	Specifications	Test Method
1	Moisture	%	8.63	NMT 12.0	FSSAI Manual Spices Herbs and Condiments Method No. FSSAI 10.027:2021
2	Total Ash Content(ODB)	%	3.95	NMT 8.0	FSSAI Manual Spices Herbs and Condiments Method No. FSSAI 10.006:2021
3	Acid insoluble ash(ODB)	%	0.28	NMT 1.5	FSSAI Manual Spices Herbs and Condiments Method No. FSSAI 10.007:2021
4	Crude Fiber (ODB)	%	2.23	NMT 6.0	FSSAI Manual Spices Herbs and Condiments Method No. FSSAI 10.014:2021
5	Total Nitrogen (ODB)	%	1.92	NMT 2.0	FSSAI Manual Spices Herbs and Condiments Method No. FSSAI 10.029:2021
6	Solubility in cold water(ODB)	%	54.93	NMT 65.0	FSSAI Manual Spices Herbs and Condiments Method No. FSSAI 10.009:2021
7	Bitterness expressed as direct	%	96.48	NLT 30.0	FSSAI Manual Spices Herbs and

Review by
K.S. Rajawat
Dy. TM Food

K.S. Rajawat
26/02/24



Authorised Signatory
Manoj Yadav
Technical Manager-Chemical

Manoj
26/02/24

Page No.1 of 3

NOTE :

- This report is not to be reproduced wholly or in part and cannot be used as an evidence in the Court of Law and should not be used in any advertising media without special permission in writing
- Total liability of this Laboratory is limited to the invoice amount.
- This results listed refer only to the above sample and applicable parameter's Endorsement of products is neither inferred nor implied.
- Sample will be destroyed after one month (In case of nonperishable items only) the date of issue of test certificate unless otherwise specified.
- Report refer to the Sample Submitted to us and not drawn by Jagdamba Laboratories unless mentioned otherwise.

JAGDAMBA LABORATORIES (OPC) PVT. LTD.

(Formerly Known as Jagdamba Laboratories)

Govt. Approved Test House • ISO 9001: 2015 • GLP Certified Lab.

119, Solitaire Industrial Park, Phase-1st, Dahmi Kallan, Bagru, Jaipur - 303007 (Rajasthan)
Tel. : 0141-2390604 Email : jagdambalab4@gmail.com, jagdamba_lab@yahoo.com Web : jagdambalab.com

TESTING OF WATER | FOODS | ALCOHOLIC DRINKS | DRUGS | HERBALS | COSMETICS | CHEMICALS | MINERALS | BUILDING MATERIAL | METALS

TEST REPORT

Sample Name	SAFFRON SAMPLE		
Report No.	JLFD240222001	Batch No.	06
Sample Code	NA	Mfg. Date	NA
Date of Received	22/02/2024	Exp. Date	NA
Started of Analysis	22/02/2024	Sample Condition	Sealed
End of Analysis	26/02/2024	Sample Qty.	5g
Report Release Date	26/02/2024	Ref. No.	1548 Dt: 22.02.24
Sample Submitted By	MSD SAHARIA INDUSTRIES PVT. LTD. G-70, BHAWANI NAGAR, MURLIPURA, JAIPUR-302039		
Test Report Issued to	MSD SAHARIA INDUSTRIES PVT. LTD. G-70, BHAWANI NAGAR, MURLIPURA, JAIPUR-302039 RAJASTHAN		
Environment Condition	Temperature (°C) - As per Standard, Relative Humidity (%) - As per Standard		

TEST RESULTS

Reference : As per Food Safety & Standards Regulations 2011

Sl. No.	Test Parameters	Units	Results	Specifications	Test Method
	reading of absorbance of Picrocrocin at 257 nm (ODB)				Condiments Method No. FSSAI 10.028:2021
8	Safranal expressed as direct reading of absorbance at 330 nm (ODB)	%	41.56	NLT 20.0 -NMT 50.0	FSSAI Manual Spices Herbs and Condiments Method No. FSSAI 10.028:2021
9	Colouring Strength expressed as direct reading of absorbance of Crocin at 440 nm (ODB)	%	258.86	NLT 80.0	FSSAI Manual Spices Herbs and Condiments Method No. FSSAI 10.028:2021
10	Extraneous Matter	%	Nil	NMT 1.0	FSSAI Manual Spices Herbs and Condiments Method No. FSSAI 10.002:2021
11	Floral Waste	%	Nil	NMT 10.0	FSSAI Manual Spices Herbs and Condiments Method No. FSSAI 10.002:2021
12	Added Colouring Matter	--	Absent	Should be Free From Colouring Matter	FSSAI Manual Simple Method for Testing Common Adulteration in food S. no. IV (8) Page No. 42:2017

Review by
K.S. Rajawat
Dy. TM Food

Authorised Signatory
Manoj Yadav
Technical Manager-Chemical

Page No.2 of 3

NOTE :

- This report is not to be reproduced wholly or in part and cannot be used as an evidence in the Court of Law and should not be used in any advertising media without special permission in writing
- Total liability of this Laboratory is limited to the invoice amount.
- This results listed refer only to the above sample and applicable parameter's Endorsement of products is neither inferred nor implied.
- Sample will be destroyed after one month (In case of nonperishable items only) the date of issue of test certificate unless otherwise specified.
- Report refer to the Sample Submitted to us and not drawn by Jagdamba Laboratories unless mentioned otherwise.

JAGDAMBA LABORATORIES (OPC) PVT. LTD.

(Formerly Known as Jagdamba Laboratories)

Govt. Approved Test House • ISO 9001: 2015 • GLP Certified Lab.

119, Solitaire Industrial Park, Phase-1st, Dahmi Kallan, Bagru, Jaipur - 303007 (Rajasthan)

Tel. : 0141-2390604 Email : jagdambalab4@gmail.com, jagdamba_lab@yahoo.com Web : jagdambalab.com

TESTING OF WATER | FOODS | ALCOHOLIC DRINKS | DRUGS | HERBALS | COSMETICS | CHEMICALS | MINERALS | BUILDING MATERIAL | METALS

TEST REPORT

Sample Name	SAFFRON SAMPLE		
Report No.	JLFD240222001	Batch No.	06
Sample Code	NA	Mfg. Date	NA
Date of Received	22/02/2024	Exp. Date	NA
Started of Analysis	22/02/2024	Sample Condition	Sealed
End of Analysis	26/02/2024	Sample Qty.	5g
Report Release Date	26/02/2024	Ref. No.	1548 Dt: 22.02.24
Sample Submitted By	MSD SAHARIA INDUSTRIES PVT. LTD. G-70, BHAWANI NAGAR, MURLIPURA, JAIPUR-302039		
Test Report Issued to	MSD SAHARIA INDUSTRIES PVT. LTD. G-70, BHAWANI NAGAR, MURLIPURA, JAIPUR-302039 RAJASTHAN		
Environment Condition	Temperature (°C) - As per Standard, Relative Humidity (%) - As per Standard		

The above sample confirms to As per Food Safety & Standards Regulations 2011 with respect to the above tests only.

END OF REPORT

Review by
K.S. Rajawat
Dy. TM Food



Authorised Signatory
Manoj Yadav
Technical Manager-Chemical

Page No.3 of 3

NOTE :

1. This report is not to be reproduced wholly or in part and cannot be used as an evidence in the Court of Law and should not be used in any advertising media without special permission in writing
2. Total liability of this Laboratory is limited to the invoice amount.
3. This results listed refer only to the above sample and applicable parameter's Endorsement of products is neither inferred nor implied.
4. Sample will be destroyed after one month (In case of nonperishable items only) the date of issue of test certificate unless otherwise specified.
5. Report refer to the Sample Submitted to us and not drawn by Jagdamba Laboratories unless mentioned otherwise.