

TEST REPORT

Issued to: Himkart India Private Limited
 11/880A, Main Street, Dayanand Nagar, Bahadurgarh,
 Jhajjar, Haryana 124507, India

J.O. No.: FL/FA/28032024-022
 ULR Code: TC5503 24 0 00028683 F
 Report Date: 02/03/2024
 Sample Receipt Date: 28/03/2024
 Account Manager: BD Team 1
 Credit Manager: Gulab/Septesh

Customer Provided Information:

Nature/Name of the Sample : **Saffron**
 Mfg Date : None
 Batch no : None

Laboratory Provided Information:

Sample Quantity : 10x17g, Sealed Polypack
 Date of Performance of Test : 28th March – 02nd April, 2024
 Method of Sampling : The sample is provided by Himkart India Private Limited,
 through courier



Analysis Report

Physical Description:- Saffron, free from foreign matter.

S. No.	Parameter	Test Result	FSSR, 2011	Protocol
Chemical Analysis:				
1	Moisture & Volatile matter, % by mass	10.78	NMT 12.0	IS-1797
2	Total ash (ODB), % by mass	4.75	NMT 8.0	IS-1797
3	Acid Insoluble Ash (ODB), % by mass	0.23	NMT 1.5	IS-1797
4	Solubility in Cold Water (ODB), % by mass	60.07	NMT 65	IS-1797
5	Bitterness Expressed As Direct Reading of Absorbance of Picrocrocine At About 257 nm, (on dry basis)	74.58	NLT 30	IS-5453 (P-2)
6	Safranal Expressed As Direct Reading of Absorbance 330 nm, (on dry basis)	38.67	20-50	IS-5453 (P-2)
7	Coloring Strength Expressed As Direct Reading of Absorbance of 440nm, (on dry basis)	162.28	NMT 80	IS-5453 (P-2)
8	Total Nitrogen (ODB), % by mass	1.78	NMT 2.0	FSSAI Manual for Spices & Condiments
9	Crude fibre, (on dry basis)	3.15	NMT 6.0	IS-1797
10	Extraneous matters, % by wt.	ND, [DL-0.1]	NMT 1	IS-1797

ND=Not Detected; DL=Detection Limit; NLT=Not Less Than; NMT=Not More Than

Inference: The above tested sample **conforms** to FSSR, 2011 w.r.t. above tests.

Reviewed By

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Authorised Signatory
 D Mathur, Director

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****End of Report****