

Certificate of Analysis

TIN: BTSL/SD/2025/12/0024

Date: 31-12-2025

Company: Shubhavni SmartFarms (OPC) Private Limited, Mainpuri, 205001

Product: Saffron filaments
Batch No.: SK02

Sample Date Received: 15-12-2025
Date of the Result: 29-12-2025
Print Date: 31-12-2025

No.	Description	Results	Category	Standard	Grade	Reference
1	Foreign matter other than stigma (Mass fraction %)	0.06	Major	0.5	A	IS 5453 Part 1(2016) ISO 3632-1:2011
2	Foreign matter related to environment	Absent	Major	--	--	IS 5453 Part 1(2016) ISO 3632-1:2011
3	Moisture and volatile content	7.4	Major	10	A	IS 5453 Part 1(2016) ISO 3632-1:2011
4	Total Ash Content	4.9	Major	5.5	A	IS 5453 Part 1(2016) ISO 3632-1:2011
5	Total insoluble ash in acid	0.32	Major	0.5	A	IS 5453 Part 1(2016) ISO 3632-1:2011
6	Soluble ash in cold water	55	Major	65	A	IS 5453 Part 1(2016) ISO 3632-1:2011
7	Picrocrocin (Absorbance at 257 nm wavelength)	92.4	Major	85	A	IS 5453 Part 1(2016) ISO 3632-1:2011
8	Safranal (Absorbance at 330 nm wavelength)	26	Major	20-50	A	IS 5453 Part 1(2016) ISO 3632-1:2011
9	Crocine (Absorbance at 440nm wavelength)	215	Major	190-220	A	IS 5453 Part 1(2016) ISO 3632-1:2011
10	Artificial added color	Absent	Major	--	--	IS 5453 Part 1(2016) ISO 3632-1:2011
11	Fungus and Mold (Microscopic)	Absent	Major	--	--	IS 5453 Part 1(2016) ISO 3632-1:2011

Verified By: Dr. Ruchi Pandey



END OF REPORT

Note: This report details results only for the specific items tested, not a general endorsement of the product. This report is confidential and cannot be reproduced without our lab's approval. You are assumed to have provided the samples for testing, unless otherwise noted. We typically hold non-perishable samples for 15 days after the report is issued. Perishable items are discarded immediately. This report is for informational purposes only. Our lab is not liable for any consequences of using this information. Liability is limited to proven negligence and capped at the testing service cost.

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