



## Quality Evaluation Laboratory

India International Kashmir Saffron Trading Centre  
(IIKSTC)

Department of Agriculture & Farmers Welfare Kashmir  
Dussu, Pampore, 192121 J&K, India.

**AN ISO/IEC 17025:2017 ACCREDITED LABORATORY**

**(NABL Certificate No: TC-11843)**

### TEST REPORT

(Physical & Chemical Test Result of Saffron)

Sample ID Code: SPSC-SS/IIKSTC/2023/0005	Prod. Type: GI-Saffron	Date of Sample Receipt :22/04/2024
Application NO.: QEL/IIKSTC24-25/023	Sample QTY.: 6g	Date of Test:24/04/2024 to 27/04/2024
Sample : Saffron	Lot No. : Lot No.CC43/23	Date of Issuing Results : 29/04/2024
Type of Product: Cut Filamentous	Lot weight:636g	Test Cost:
Goods owner/Registration: CCIKSTC 43/23		
URL No. : TC118432400000023F	Applicator:	

S.NO.	Characteristics	Test Method ISO 3632- 2:2010	Requirement/Specification (ISO 3632-1:2011)			Result	Remarks
			G1	G2	G3		
1.	Extraneous matter (mass fraction) % max. Floral and plant waste.	Clause 8	0.5	3.0	5.0	0.08	G1
2.	Foreign matter (mass fraction) % max. From non-animals (from other plants)	Clause 9	0.1	0.5	1.0	0.03	
3.	Total ash (mass) on dry matter, % max.	Clause 12 ISO 928	8.0	8.0	8.0	4.76	
4.	Moisture and Volatile matter content (mass fraction), % max.	Clause 7	12	12	12	11.70	
5.	Flavour Strength as Picrocrocin $A_{1\%}^{1\text{cm}}$ 257nm on dry matter Min.	Clause 14	70	55	40	89.92	
6.	Aroma Strength as Safranal $A_{1\%}^{1\text{cm}}$ 330nm on dry matter Min. – Max.	Clause 14	20-50	20-50	20-50	41.15	
7.	Colouring Strength as Crocin $A_{1\%}^{1\text{cm}}$ 440nm on dry matter Min.	Clause 14	200	170	120	256.53	

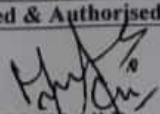
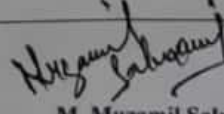
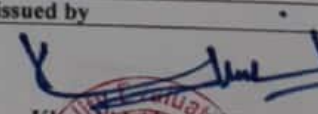
\*\*\*\*\*END OF TEST REPORT\*\*\*\*\*

(G: Grade, ISO: International Organization for Standardization.)

#### Disclaimer:

- The analyzed sample confirms **grade-1** as per ISO -3632-1-2011.
- This test result is exclusively limited to the above referred lot only.
- This test result shall not be reproduced (Scan/Photocopy etc.) except in full without the permission of laboratory.
- Adulterants not checked & processed at IIKSTC

#### (Authorised Signatories)

Reviewed & Authorised by	Approved & issued by	
 Dr. Majid Ali Dar Dy. Technical Manager	 M. Muzamil Salmani Dy. Quality Manager-II	 Khurshid Ahmad Mir I/Q & Quality Manager

