



**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	
Sample : Saffron Type of Product: Cut Filamentous	Lot No. : Lot No.CC43/23	Date of Test: 24/04/2024 to 27/04/2024
Goods owner/Registration: CCIKSTC 43/23	Lot weight:636g	Date of Issuing Results : 29/04/2024
URL No. : TC118432400000023F	Applicator:	Test Cost:

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 $A^{1\%}_{1cm}$ 257nm on dry matter Min.	Clause 14	70	55	40	89.92	
6.	Aroma Strength as Safranal $A^{1\%}_{1cm}$ 330nm on dry matter Min. – Max.	Clause 14	20-50	20-50	20-50	41.15	
7.	Colouring Strength as Crocin $A^{1\%}_{1cm}$ 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
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