



Islamic Republic of Afghanistan  
Ministry of Agriculture, Irrigation and Livestock  
Herat Directorate of Agriculture, Irrigation & Livestock  
Department of Saffron Quality Control Lab



### Quality Certificate of Analysis

The Physical, Chemical and Microbiological Specifications of Saffron in Filaments, Cut- Filaments and Powder forms.

Sample ID Code:	004068	Date of Sampling:	Nov /11/2025
Company Name:	Rahmat Eximpo Ltd	Date of Issuing Results:	Nov /12/2025
Name:	Asadullah Rahmat	Export quantity	1 kg
Sample & Type of Product:	Saffron Filaments (Grade A)	License No	0101 18685
Destination for export:	Turkey		

No	Characteristics	Results	Requirement/Specification (Iso 3632-1:2010)			Test Method ISO 3632-2:2010
			I	II	III	
1	Extraneous matter (mass fraction), % Max.	0.15	0.5	3	5	Matter 8, AS 627:2015 ISO 3632-2:2010
2	Foreign matter (mass fraction), % Max.	0.02	0.1	0.5	1.0	Matter 9, AS 627:2015 ISO 3632-2:2010
3	Moisture & volatile matter content (mass fraction), % Max.	8.3	10	12	12	Matter 7, AS 627:2015 ISO 3632-2:2010
4	Total ash (mass), on dry matter, % Max.	-	8	8	8	Matter 12, AS 627:2015 ISO 3632-2:2010, ISO 928
5	Acid-insoluble ash (mass fraction), % on dry matter, max.	-	1.0	1.0	1.0	Matter 13, AS 627:2015 ISO 3632-2:2010, ISO 930
6	Soluble extract in cold water (mass fraction), on dry matter, % max.	-	65	65	65	Matter 11, AS 627:2015 ISO 3632-2:2010, ISO 941
7	Flavour strength (Picrocrocin) 257nm, on dry matter, min.	111.1	70	55	40	Matter 14 AS 627:2015 ISO 3632-2:2010
8	Aroma strength (Safranal) 330nm on dry matter, min-max.	31.3	20-50	20-50	20-50	Matter 14, AS 627:2015 ISO 3632-2:2010
9	Colouring strength (Crocine) 440nm, on dry matter, Min	296.7	200	170	120	Matter 14, AS 627:2015 ISO 3632-2:2010
10	Artificial Colorants	Absent	Absent	Absent	Absent	Matter 16&17, AS 627:2015 ISO 3632-2:2010

• This test result is exclusively limited to the above-referred sample only.

Test by:  
Eng. Mohammad Sami Salehi  
Responsible & Specialist of Saffron Quality Control Lab



Confirm by:  
Alhaj Beshir Ahmad Ahmadi  
Head of Agricultural Affairs

Remark by:  
Alhaj Maulvi Abdulhai "Shaker"  
Director of Herat Agriculture, Irrigation & Livestock

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