

**MACANA ANALYTICAL LABORATORY PRIVATE LIMITED**

Flat No .210,1-75/5/211C, Telangana State-500092.India.

NABL Accredited Laboratory**ISO 9001:2015 CERTIFIED LABORATORY - QMS/24M03210****ISO 45001:2018 CERTIFIED LABORATORY- OHSAS/24M03211**

Email: info@macanalabs.in, www.macanalabs.in

**ISSUED TO**Elinenis LLC
Address: 1001 S MAIN ST
STE 600
KALISPELL, MT 59901-1498

Registration No: MCAL/2026/1233

Issued Date: 16-04-2026

Sample Name	Saffron	Sample Received on	14-04-2026
Quantity	100grams	Analysis Start on	14-04-2026
Sample condition	Good	Analysis complete	16-04-2026

Test Results

S.No	Parameter	Test Method	Unit	Result	Limit
1	Moisture	AOAC 925.10	% w/w	6.5	NMT 12
2	Total Ash	AOAC 923.03	% w/w	7.2	NMT 8
3	Acid Insoluble Ash	AOAC 923.03	% w/w	0.6	NMT 1
4	Water Soluble Extract	ISO 3632	%	41	NLT 30
5	Artificial Colour	Visual	-	Absent	Absent
6	Floral Waste Content	Manual	%	0.3	≤1
7	Foreign Matter	Manual	%	0.2	≤1
8	Pesticides	GC-MS	ppm	ND	Absent
9	Organochlorine Residues	GC-MS	ppm	ND	Absent
10	Organophosphorus Residues	GC-MS	ppm	ND	Absent
11	Carbamate Residues	GC-MS	ppm	ND	Absent
12	Pyrethroid Residues	GC-MS	ppm	ND	Absent
13	Crocin Content	HPLC	%	30.8	NLT 20
14	Picrocrocin Content	HPLC	ppm	46	NLT 40
15	Safranal Content	HPLC	ppm	24	NLT 20
16	ISO Category	ISO 3632	-	Category I	Category I
17	Total Plate Count	APHA	CFU/g	110	≤1000
18	Aflatoxins	HPLC	ppb	ND	≤5



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19	Lead (Pb)	AAS	ppm	0.4	≤10
20	Cadmium (Cd)	AAS	ppm	0.05	≤0.3
21	Arsenic (As)	AAS	ppm	0.03	≤0.5
22	Mercury (Hg)	AAS	ppm	0.01	≤0.1

Terms and conditions:

1. The test report shall not be reproduced in full or part without the written approval of Laboratory.
2. The test items will not be retained for more than 15 days from the date of issue of test report.
3. The test results relate only to the items tested as received.
4. The testing activities are performed in permanent facility located at Boduppal, Hyderabad.

Y. Anil
16-04-26
Analyzed By

N. Ashish
16/04/26
Verified by



*****END OF REPORT*****