



Sree Mahendra ANALYTICAL SERVICES

Genuine Quality Assurance

TS Govt. Regd. No. 591/12,
ISO 9001:2008 certified Laboratory

REGD. Off:

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TEST CERTIFICATE

Job No: 8166

Ref No: SMAS/C/02-021/18

Date: 28.02.2018

Name of the Client : M/s. YAKUN MARKETING PVT.LTD,
310, Methodist complex, Abids, Hyderabad.

Name of the sample : SAFFRON

Sample collected on : 22.02.2018

TEST RESULTS

S.No	TEST PARAMETERS	UNITS	RESULTS	ACCEPTABLE RANGE ISO 3632-1:2011, TEST METHOD ISO 3632-2:2010		
				GRADE-1	GRADE-2	GRADE-3
1.	Coloring Matter	--	Not Detected	Should be absent	Should be absent	Should be absent
2.	Total ash .	%	1.01	Not more than 8 % by weight	Not more than 8 % by weight	Not more than 8 % by weight
3.	Ash insoluble in dilute HCl	%	0.18	Not more than 1.0 % by weight	Not more than 1.0 % by weight	Not more than 1.0 % by weight
4.	Volatile matter at 103 ^o ±10 C	%	7.24	Not more than 12 % by weight	Not more than 12 % by weight	Not more than 12 % by weight
5.	Aqueous extract	%	58.2	Not more than 65 % by weight	Not more than 65 % by weight	Not more than 65 % by weight
6.	Total Nitrogen (on dry weight basis)	%	3.88	Not less than 2% by weight	--	--
7.	Foreign matter such as sand, earth, dust, leaf, stem, chaff and vegetable matter	%	ND	Not more than 0.1 %	Not more than 0.5%	Not more than 1.0 %
8.	Floral waste defined as yellow filaments, pollen, stamens parts of ovary and other parts of flowers of Crocus sativus Linn	%	ND	Not more than 0.5 %	Not more than 3.0 %	Not more than 5.0 %
9.	Absorbency of picrocrocine at 257 nm	--	87.6	70.0	55.0	40.0
10.	Absorbency of safranal at 330nm	--	36.9	20.0-50.0	20.0-50.0	20.0-50.0
11.	Absorbency of crocrocine at 440nm	--	244.2	200	170	120

Note: 1. The certificate relates only to the sample tested.

2. The above test results are within the standards, hence the quality of SAFFRON is satisfactory & is **GRADE-1**



Mo. Khan
Authorized Signatory



Small Scale Industries Certified Laboratory

TESTING SERVICES

Water, Food Materials, Oils, Cakes, Rice Bran, Poultry & Animal Feed
Soil, Chemicals, Metals, Ores, Industrial effluents.