Date: . . . . . .
No: . . . . . .

Farzin Rock Stone Trade Co.
شرکت صخره سنگی فرزین (سهامی خاص)

(F.R.S.CO.)
Reg.No: 192560

QC Accredited Laboratory & Quality Control Department Of Farzin Rock Stone Co.

The first Accredited Saffron Laboratory in Iran Under License of ISIRI

Specification of pure Iranian Saffron

Grade: Super Negin All Red Saffron
Invoice Number: ***

Item	Characteristic	Acceptable Range According To ISO/TS 3632, 1-2: 2003 Filament					IDF Result	Test
		Super	I	II	III	IV		
1	Max Floral Waste (Mass Percentage)	0.5	5	10	20		0.15	National Standard 259-2
2	Foreign Material Regarding Plant (Max) (Mass Percentage)	0.1	1	2	2	2	0.14	National Standard 259-2
3	Max Foreign Material Regarding Environment (Mass Percentage)	Neg	Neg	Neg	Neg	Neg	Neg	National Standard 259-2
4	Max Moisture And Volatile Substances (Mass Percentage)	10	10	12	12	12	5.3	National Standard 259-2
5	Max Total Ash Based On Dry Material (Mass Percentage)	5.5	6	7	7	7	3.6	National Standard 1197
6	Max Ash Insoluble In Acid On Based On Dry Material (Mass Percentage)	0.5	1	1.5	1.5	1.5	0.41	National Standard 1253
7	Max Soluble Extract In Cold Water Based On Dry Material (Mass Percentage)	65	65	65	65	65	45.7	National Standard 1619
8	Min Picrocrocin Based On Dry Material (E1cm 257 Nm At This Wave Length It Has A Maximum Absorbency Of Picrocrocin)	85	80	70	70	70	102.8	National Standard 259-2
9	Safranal Based On Dry Material (E 1cm 330 Nm At This Wave Length It Has A Maximum Absorbency Of Safranal)	20-50	20-50	20-50	20-50	20-50	31.2	National Standard 259-2
10	Min Crocin Based On Dry Material E_{1cm} 440 Nm, At This Wave Length It Has A Maximum Absorbency Of Crocin)	220	200	180	150	140	265	National Standard 259-2
11	Extract And Detection Of Artificial Color	Neg	Neg	Neg	Neg	Neg	Neg	National Standard 259-2

Remarks:
Above results are accordance with national standards in segments 1-10 of 259-10.
This report is based on the samples taken by the QC department and Delivered to the accredited laboratory, for "Negin Saffron" of saffron.
Above results are only apply to the received sample.

ANALYSIS CONDUCTED BY:
K. Mohammadi

CERTIFIED BY:
K. Mohammadi

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