



Saffron Faghib - Moghinzadeh



۹۹۴۵۰۱۳۹۳۱

Analysis Report

Saffron Physicochemical Test Results

Sample Code: Mr. Ghasabi
Sample type :Cut Filament
Sample received on: 2020/17/11
Report issued on:2020/18/11

Item	Characteristic	Result	Grading				Method of Testing: Iran National Standard	
			Cut Filament	Filament				
				Super	1	2		3
1	Floral waste (%max.)		0.5	5	10	20	30	259-2
2	Foreign materials (%max.)		0.1	1	2	2	2	259-2
3	Moisture and volatile mass percent (%max.)	6.5	10	10	12	12	12	259-2
4	Total ash , on dry basis , (%max.)		5.5	6	7	7	7	259-2
5	Insoluble ash in acid, on dry basis , (%max.)		0.5	1	1.5	1.5	1.5	1197
6	Solubility in cold water , on dry basis , Max.		65	65	65	65	65	1253
7	Picrocrocin at about 257 NM , on dry basis , Min.	107	85	80	70	70	70	1619
8	Safranal , at about 330 NM, on dry basis	33	20-50	20-50	20-50	20-50	20-50	259-2
9	Crocin , on dry basis	278	220	200	180	150	140	259-2
10	Extraction and detection of added colors	-	Negative	Negative	Negative	Negative	Negative	259-2
11	Identification of saffron pigments		6	6	6	6	6	259-2
12	Total Nitrogen , on dry basis , (%max.)		3	3	3	3	3	259-2
13	Crude Fiber , (%max.), on dry basis , (%max.)		6	6	6	6	6	3394
14	Labeling		Suitable	Suitable	Suitable	Suitable	Suitable	259-2
15	Appearance		Same	Same	Same	Same	Same	259-2
16	Aroma and flavor		Natural	Natural	Natural	Natural	Natural	259-2

The above test results are in conformity with standard No. 259 - 1 .
These results are acceptable just for the sample that sent to the lab.

Examiner : Maryam Ahmadian



Confirmer : Maryam Ahmadian