



Accredited Laboratory of Tarvand Saffron Co.

The first Accredited Laboratory & Research Center South Khorasan . IRAN

Analysis Sheet

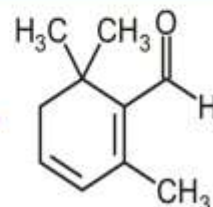
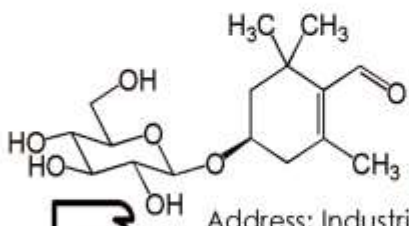
CHEMICAL ANALYSIS

BACH#3375	Sample weight: 15 gr	Date of receiving Sample : 2020-11-03
Name of exporter: TARVAND SAFFRON		Date of issuing results: 2020-11-08
SAFFRON:SARGOL CAT1 ORGANIC		

No	Characteristic	Results	Categories				Test Method	
			CUT FILAMENT	FILAMENT				
				SUP ERB	1	2		3
1	Moisture and Volatile Matter %(m/m) Max	7.00	10	10	12	12	12	259-2 IRAN Standard
2	Extraneous Matter (%max) Environmental extraneous matter	0.00 Negative	0.1 negative	1 negative	2 negative	2 negative	2 negative	259-2 IRAN Standard
3	Total Ash (%m/m) on dry basis max	5.39	5.5	6	7	7	7	1197 IRAN Standard
4	Ash insoluble in HCL on dry basis (%m/m)	0.41	0.5	1	1.5	1.5	1.5	1253 IRAN Standard
5	Solubility in Cold water,%(m/m) on dry basis max	53.21	65	65	65	65	65	12185 IRAN Standard
6	Bitterness/ expressed as direct react reading of the absorbance of Picrocrocin at about 257nm/on dry basis/min	94.37	85	80	70	70	70	259-2 IRAN Standard
7	Aroma/expressed as direct react reading of the absorbance of safranal at about 330 nm/on dry basis	32.5	20-50	20-50	20-50	20-50	20-50	259-2 IRAN Standard
8	Coloring strength expressed as direct reading of the absorbance of Crocin at about 440 nm/on dry basis.min	275.54	220	200	180	150	140	259-2 IRAN Standard

Remarks: the result of the analysis exclusively limited to the sample delivered to the laboratory which is in according with the standard and the grade **SARGOL CAT1 ORGANIC**

ANALYST S.HADIZADEH Quality Control	M. AKBARNEJAD Quality Assurance	M. AKBARNEJAD Standard Expert License Number:4010	CERTIFIED
---	---	--	------------------



Address: Industrial city, Ghaen, Iran/ TEL: +985632538488/ Fax: +985632538845
 Tehran office: No. 18, Oraman St., Motahary Ave, Tehran, Iran/ TEL: +982188810088
 www.tarvandsaffron.com/ir mail: Lab@tarvandsaffron.com

Standard of Iran
6828339901



Accredited Laboratory of Tarvand Saffron Co.

The first Accredited Laboratory & Research Center South Khorasan . IRAN

Analysis Sheet

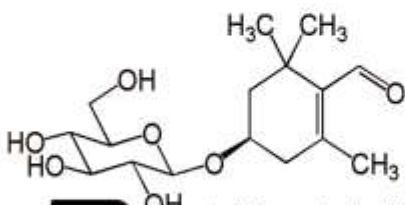
CHEMICAL ANALYSIS

BACH#3375	Sample weight: 15 gr	Date of receiving Sample : 2020-11-03
Name of exporter: TARVAND SAFFRON		Date of issuing results: 2020-11-08
SAFFRON:SARGOL CAT1 ORGANIC		

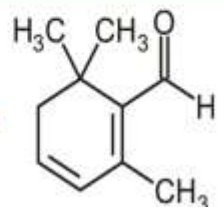
No	Characteristic	Results	Categories				Test Method ISIRI NUMBER	
			CUT FILAMENT	FILAMENT				
				SUPE RB	1	2		3
9	Artificial Colors	Amaranth	Negative	Negative	Negative	Negative	Negative	259-2 IRAN Standard
		Azorubine(Carmoisine)						
		Ponceau 4R						
		Sunset yellow						
		Erythrosine						
		Orange II						
		Yellow 2G						
		Tartrazine						
Quinoline								
10	Identification of saffron pigments	5.32	6	6	6	6	6	259-2 IRAN Standard
11	Total Nitrogen content (%m/m) max	2.28	3	3	3	3	3	1522 IRAN Standard
12	Fiber on dry basis (%m/m) max	5.12	6	6	6	6	6	3394 IRAN Standard
13	Marking	suitable	Suitable	Suitable	Suitable	Suitable	Suitable	259-1 IRAN Standard
14	Style with Stigma (%m/m) max	0.5	0.5	5	10	20	30	259-2 IRAN Standard

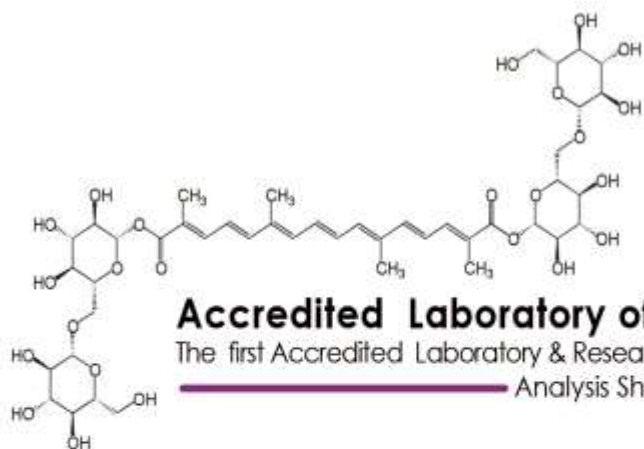
Remarks: the result of the analysis exclusively limited to the sample delivered to the laboratory which is in according with the standard and the grade **SARGOL CAT1 ORGANIC**

ANALYST S.HADIZADEH Quality Control	M. AKBARNEJAD Quality Assurance	M. AKBARNEJAD Standard Expert License Number:4010	CERTIFIED
--	---	--	-----------



Address: Industrial city, Ghaen, Iran/ TEL: +985632538488/ Fax: +985632538845
 Tehran office: No. 18, Oraman St., Motahary Ave, Tehran, Iran/ TEL: +982188810088
 www.tarvandsaffron.com/ir mail: Lab@tarvandsaffron.com





Accredited Laboratory of Tarvand Saffron Co.

The first Accredited Laboratory & Research Center South Khorasan . IRAN

Analysis Sheet

MICROBIOLOGICAL ANALYSIS

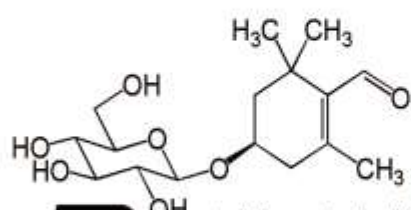
BACH#3375	Sample weight: 15 gr	Date of receiving Sample : 2020-11-03
Name of exporter: TARVAND SAFFRON		Date of issuing results: 2020-11-08
SAFFRON:SARGOL CAT1 ORGANIC		



NO	Characteristic	Results	ACCEPTABEL RANGE	Test Method
1	enumeration of microorganisms	4.1*10³	3*10⁵	5272-1 IRAN Standard
2	Enumeration Of ESCHERICHIA	Negative	Negative	2946 IRAN Standard
3	Enumeration Of YEASTS	<100	10³	10899-3 IRAN Standard

Remarks: the result of the analysis exclusively limited to the sample delivered to the laboratory which is in according with the standard **SARGOL CAT1 ORGANIC**

ANALYST S.HADIZADEH Quality Control	M. AKBARNEJAD Quality Assurance	M. AKBARNEJAD Standard Expert License Number:4010	CERTIFIED
---	---	--	------------------



Address: Industrial city, Ghaen, Iran/ TEL: +985632538488/ Fax: +985632538845
 Tehran office: No. 18, Oraman St., Motahary Ave, Tehran, Iran/ TEL: +982188810088
 www.tarvandsaffron.com/ir mail: Lab@tarvandsaffron.com

