



سیمرغ زعفران ایرانیان

تاریخ:
شماره:
پروست:

Physical and chemical test results form of saffron

Sample code: SD222	Type of saffron: saffron in cut filament (SARGOL)
Data of sampling: 22.12.2022	Name of applicant : Blumental Bayern GmbH
Data the released: 03.12.2022	Product series: DE140110
National Standard of iran 259-1	Net weight : 6 gr

No	Characteristics	Result test	Cut Filament	Filament				Type of defect	test method
				Grade1	Grade2	Grade3	Grade4		
1	Cream with stigma %(m/m)max	0.1	0.5	5	10	20	30	Major	National Standard of Iran259-2
2	External material related to plant%(m/m)max	0.07	0.1	1	2	2	2	Major	National Standard of Iran 259-2
3	External material related to environment%(m/m)max	Negative	Negative					Critical	National Standard of Iran 259-2
4	Moisture and Volatile substances %(m/m)max	6.54	10	10	12	12	12	Major	National Standard of Iran 259-2
5	Total ash on dry based matter %(m/m)max	4.96	5.5	6	7	7	7	Major	National Standard of Iran 1197
6	Unsolvent ashes in acid%(m/m)max	0.3	0.5	1	1	1	1	Major	National Standard of Iran 1253
7	Extract soluble in cold water %(m/m)	65	65					Major	National Standard of Iran 1619
8	Min picrocrosin(Absorption at wavelength(257 nm)	95	85	80	70	70	70	Major	National Standard of Iran 259-2
9	Min saffranal(Absorption at wavelength(330nm)	31	20-50					Major	National Standard of Iran 259-2
10	Min crocin(Absorption at wavelength(440nm)	235	220	200	180	150	140	Major	National Standard of Iran 259-2
11	Additive color	Negative	Negative					Critical	National Standard of Iran 259-2
12	Condition	MATCHING	MATCHING	FILAMEN1	FILAMENT2	FILAMENT3	dasteh		National Standard of Iran 259-1

The test results correspond to the acceptable limits in the table above Doesn't have

<p>Quality Control</p>  <p>R. Sadeghi</p>	<p>Management</p> <p>Mr. Asldar</p> 
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