|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Type Saffron : Super Negin (CUT Filament)** | | | | **WEIGHT OF SAMPLE : 2GR** | | | **OWNER OF SAMPLE :** | | | |
| **ID-CODE :** | | | | **DATE OF RECEIVED :** | | | **BRAND :** | | | |
| **REQUEST No :** | | | | **DATE OF REPORT :** | | | **TEST REQUEST : PHYSICOCHEMICAL** | | | |
| **NO** | **Test title** | **RESULT** | **Acceptable Limits** | | **Acceptable Limits** | **Acceptable Limits** | | **Acceptable Limits** | **Acceptable Limits** | **Reference** **Test** **Method** |
| **1** | **Floral waste** | **——–** | **Grade 4** **MAX 30** | | **Grade 3** **MAX 20** | **Grade 2** **MAX 10** | | **Grade 1** **MAX 5** | **CUT** **Filament** **MAX 0.5** | **ISIRI 259 – 2** |
| **2** | **Foraign matter related to herb** | **——–** | **MAX 2** | | **MAX 2** | **MAX 2** | | **MAX 1** | **MAX 0.1** | **ISIRI 259 – 2** |
| **3** | **Foraign matter related to eavironmcal** | **——–** | **negative** | | **negative** | **negative** | | **negative** | **negative** | **ISIRI 259 – 2** |
| **4** | **Moisture and volatile matter content** | **——–** | **MAX 12** | | **MAX 12** | **MAX 12** | | **MAX 10** | **MAX 10** | **ISIRI 259 – 2** |
| **5** | **Total asb (based on dried matter)** | **——–** | **MAX 7** | | **MAX 7** | **MAX 7** | | **MAX 6** | **MAX 5.5** | **ISIRI 1197** |
| **6** | **Acid tasolubic ash (based on dried matter)** | **——–** | **MAX 1.5** | | **MAX 1.5** | **MAX 1.5** | | **MAX 1** | **MAX 0.5** | **ISIRI 1253** |
| **7** | **Extract insoluble ash cold water** **(based on dried matter)** | **——–** | **MAX 65** | | **MAX 65** | **MAX 65** | | **MAX 65** | **MAX 65** | **ISIRI 12185** |
| **8** | **Picrocrocin content** **(based on dried matter)** | **——–** | **Min 70** | | **Min 70** | **Min 70** | | **Min 80** | **Min 85** | **ISIRI 259 – 2** |
| **9** | **Safranal content** **(based on dried matter)** | **43.6** | **20-50** | | **20-50** | **20-50** | | **20-50** | **20-50** | **ISIRI 259 – 2** |
| **10** | **Crocin content** **(based on dried matter)** | **220.48** | **Min 140** | | **Min 150** | **Min 180** | | **Min 200** | **Min 220** | **ISIRI 259 – 2** |
| **11** | **Artificial water – soluble acid colors** | **negative** | **negative** | | **negative** | **negative** | | **negative** | **negative** | **ISIRI 259 – 2** |
| **12** | **Marking** | **——–** | **According to standard** | | **According to standard** | **According to standard** | | **According to standard** | **According to standard** | **ISIRI 259 – 1** |
| **13** | **Packaging** | **——–** | **According to standard** | | **According to standard** | **According to standard** | | **According to standard** | **According to standard** | **ISIRI 259 – 1** |
| **14** | **Net weight** | **——–** | **According to standard** | | **According to standard** | **According to standard** | | **According to standard** | **According to standard** | **——–** |

**SAFFRON Specification**