



Analysis Report

Name of customer :Alma Saffron Jahan
Grade:cut filament (negin)
Sample received on:2019/09/14

Code:----

Report issued on:2019/09/15

| No. | Specification | Test Result | ACCEPTABLE RANGE ACCORDING TO ISO-3632-1:2011 | | | |
|-----|---|-------------|--|------------|------------|---------------------------------------|
| | | | FILAMENTS and CUT FILAMENTS | | | Test Method |
| | | | Category 1 | Category 2 | Category 3 | |
| 1 | Floral and plant waste (Mass fraction) % Max | 0.1 | 0.5 | 3 | 5 | ISO-3632-2: 2010, Clause 8 |
| 2 | Foreign Matter, from non-animals (Mass fraction) % Max | 0 | 0.1 | 0.5 | 1 | ISO-3632-2: 2010, Clause 9 |
| 3 | Moisture and Volatile Matter Content (Mass fraction) % Max | 6.2 | 12 | 12 | 12 | ISO-3632-2: 2010, Clause 7 |
| 4 | Total Ash (Mass) on Dry Matter % Max | --- | 8 | 8 | 8 | ISO-928 and 3632-2: 2010, Clause 12 |
| 5 | Acid-insoluble Ash (Mass) on Dry Matter % Max | --- | 1 | 1 | 1 | ISO-930 and 3632-2: 2010, Clause 13 |
| 6 | Soluble extract in Cold water (Mass Fraction) on Dry matter % Max | --- | 65 | 65 | 65 | ISO-941 and 3632-2: 2010, Clause 11 |
| 7 | Flavor Strength (Picrocrocin) A 1% 257nm on dry matter, Min | 93 | 70 | 55 | 40 | ISO-3632-2: 2010, Clause 14 |
| 8 | Aroma Strength (Safranal) A 1% 330nm on dry matter, Min-Max | 36 | 20-50 | 20-50 | 20-50 | ISO-3632-2: 2010, Clause 14 |
| 9 | Coloring Strength (Crocin) A 1% 440nm on dry matter, Min | 257 | 200 | 170 | 120 | ISO-3632-2: 2010, Clause 14 |
| 10 | Artificial Colorants | Absent | Absent | Absent | Absent | ISO-3632-2: 2010, Clause 16 and/or 17 |

ANALYSIS CONDUCTED BY : H.Faghini

CERTIFIED BY: Kian Toos saffron CO.

