

**Product category / Ürün kategorisi :** Extra Virgin Olive Oil

**Name of standards used in analyses / Analizde kullanılan standartlar :** COI/T.15/NC no.3; EC no 2568/91 (current revision)

**Serial no / Seri no :**

**LOT NO / Parti No :** 23-0104

**Samples Name / Müsteri :**

**Brand / Marka :** SAVORY BLEND

**Country of destination / Gideceği ülke:**

RUSSIA

**Quantity / Miktar :** 500 ml

| TEST                                                                | RESULTS | COI LIMIT   | TEST                                                                       | RESULTS  | LIMIT   |
|---------------------------------------------------------------------|---------|-------------|----------------------------------------------------------------------------|----------|---------|
| <b>Free acidity/Serbest yağ asitleri(% m/m oleic acid)</b>          | 0,55    | ≤ 0,8       | <b>Desmethisterol composition / Sterol Bileşimi (%total sterols)</b>       |          |         |
| <b>Moisture / Nem ve uçucu madde(%m/m)</b>                          | 0,01    | ≤ 0,1       | <b>Cholesterol</b>                                                         | 0,16     | ≤ 0,5   |
| <b>Insoluble impurities/Çözünmeyen safsızlıklar</b>                 | 0,008   | ≤ 0,05      | <b>Brassicasterol</b>                                                      | 0,05     | ≤ 0,1   |
| <b>Peroxide value/Peroksit değeri(meq gr O2/kg)</b>                 | 9,25    | ≤ 20        | <b>Campesterol</b>                                                         | 2,78     | ≤ 4,0   |
| <b>Absorbency in UV / UV Işığında Özgül Soğurma</b>                 |         |             | <b>Stigmasterol</b>                                                        | 1,14     | < Camp. |
| <b>K / E 270 nm</b>                                                 | 0,115   | ≤ 0,22      | <b>Δ-7 Stigmastenol</b>                                                    | 0,39     | ≤ 0,7   |
| <b>ΔK / E</b>                                                       | 0,003   | ≤ 0,01      | <b>( Δ5-23 Stigmastadienol+Clerosterol</b>                                 |          |         |
| <b>K / E 232 nm</b>                                                 | 1,13    | <2,5        | <b>+β Sitosterol+Sitostanol+Δ5 Avenasterol</b>                             |          |         |
| <b>Fatty acid composition / Yağ asitleri kompozisyonu</b>           |         |             | <b>+Δ5-24 Stigmastadienol )</b>                                            | 95,55    | ≥ 93    |
| (% m/m Methyl esters)                                               |         |             | <b>Total sterol content / Toplam sterol</b>                                | 1499     | ≥ 1000  |
| <b>Myristic acid (C14:0)</b>                                        | 0,011   | ≤ 0,05      | <b>Erythrodiol + Uvaol (%total sterol)</b>                                 | 1,66     | ≤ 4,5   |
| <b>Palmitic acid (C16:0)</b>                                        | 10      | 7,5-20,0    | <b>Unsaponifiable matter /</b>                                             |          |         |
| <b>Palmitoleic acid (C16:1)</b>                                     | 1,01    | 0,3-3,5     | Sabunlaşmayan madde (g/kg)                                                 |          |         |
| <b>Heptadecanoic acid (C17:0)</b>                                   | 0,13    | ≤ 0,3       | <b>ECN 42 difference / farkı</b>                                           | 0,09     | ≤ 0,3   |
| <b>Heptadecenoic acid (C17:1)</b>                                   | 0,122   | ≤ 0,3       | <b>Organoleptic Characteristics / Duyusal Özellikler*</b>                  |          |         |
| <b>Stearic acid (C18:0)</b>                                         | 3,33    | 0,5-5,0     | <b>Median of defect / Kusurların me</b>                                    | 0        | -       |
| <b>Oleic acid (C18:1)</b>                                           | 61,03   | 55,0-83,0   | <b>Median of the fruity attribute /</b>                                    |          |         |
| <b>Linoleic acid (C18:2)</b>                                        | 9,555   | 3,5-21,0    | <b>Colour / Renk (Lovibond scale)**</b>                                    |          |         |
| <b>Linolenic acid (C18:3)</b>                                       | 0,85    | ≤ 1,0       | <b>Total Fatty acid ethyl esters / Yağ asidi etil esterleri Toplamı***</b> |          |         |
| <b>Trans fatty acids / Trans yağ asitleri (% m/m Methyl esters)</b> |         |             | <b>Σ FAEE (mg/kg)</b>                                                      | 17       | <35     |
| <b>T C18:1</b>                                                      | 0,006   | ≤ 0,05      | <b>Σ FAEE / Σ FAME</b>                                                     |          | -       |
| <b>T C18:2 + C18:3</b>                                              | 0       | ≤ 0,05      | <b>SOAP TEST</b>                                                           | NEGATIVE | -       |
| <b>Density at particular temperature</b>                            | 0,788   | 0,910-0,916 | <b>MINERAL OIL TEST</b>                                                    | NEGATIVE | -       |
| <b>Refractive index at 20 °C (mg/kg)</b>                            | 1,4684  | 1,4677-1,47 | <b>HALPHEN TEST</b>                                                        | NEGATIVE | -       |

\*\*\*Tests are only made for Extra Virgin Olive Oil / Sadece Natürel Sızma Zeytinyağlarında test yapılır.

\*\*Test are only made for Refined Olive Oil, Pure Olive Oil, Refined Olive-Pomace Oil and Olive-Pomace Oil /

Sadece Rafine Zeytinyağı, Riviera Zeytinyağı, Rafine Prina Yağı ve Karma Prina Yağlarında test yapılır

\*Tests are only made for Extra Virgin Olive Oil and Virgin Olive Oil / Sadece Natürel Sızma ve Natürel Birinci Zeytinyağlarında test yapılır

**Conculusions :The values resulted meet the current revision specifications of COI/T.15/NC No.3**

**EC No.2568/91, CODEX STAN 33-1981, TKG Olive oil and olive-pomace oil standard and TSE 341**

**Değerlendirme : Güncel revizyondaki TKG Zeytinyağı ve Prina yağı tebliği, TSE 341, COI/T.15/NC No.3,**

**CODEX STAN 33-1981 ve EC No.2568/91 Standartlarına Uygundur.**

**Conculusions :The values resulted meet the current revision specifications of COI/T.15/NC No.3**

**EC No.2568/91, CODEX STAN 33-1981, TKG Olive oil and olive-pomace oil standard and TSE 341**

CONFIRMED/ONAYLAYAN

BURCU BİLBAN-GIDA MÜH