

# AKÖMA™

## FROM THE HEART

### CERTIFICATE OF ANALYSIS PASSION SEED OIL (REFINED)

#### DESCRIPTION

Description: Passion Fruit Seed Oil, Refined  
INCI Name: Passiflora Edulis Seed Oil  
CAS No: 91770-48-8 / 97676-26-1  
EINECS No: 294-833-9

#### CHARACTERISTICS

| Analytical Details                     | Result                    |
|--|---------------------------|
| Appearance                             | Clear light yellow liquid |
| Odour                                  | Almost odourless          |
| Specific Gravity @ 20°C                | 0.922                     |
| Refractive index @ 20°C                | 1.474                     |
| Free Fatty Acid (% as Oleic)           | 0.1                       |
| Peroxide Value (MeqO <sub>2</sub> /kg) | 1                         |
| Saponification Value                   | 191                       |
| Unsaponifiable Matter                  | 0.6                       |
| Iodine Value                           | 143                       |
| Colour (Lovibond 5.25" Cell)           | 8y, 0.6r                  |
| Acid Value (mg KOH/g)                  | 0.2                       |

|                      |       |      |
|----------------------|-------|------|
| Palmitic Acid        | C16:0 | 7.6  |
| Palmitoleic Acid     | C16:1 | 0.1  |
| Stearic Acid         | C18:0 | 3.1  |
| Oleic Acid           | C18:1 | 18.3 |
| Linoleic Acid        | C18:2 | 68.7 |
| Alpha Linolenic Acid | C18:3 | 0.7  |
| Arachidic Acid       | C20:0 | 0.5  |
| Eicosenoic Acid      | C20:1 | 0.1  |
| Behenic Acid         | C22:0 | 0.1  |
| Lignoceric Acid      | C24:0 | 0.1  |

R00311

Revised: 24/02/2018

**Akoma International (UK) LTD**

Unit 9A Sawley Park

Nottingham Road

Derby

DE21 6AS

Tel: +44 (0) 1332 613 967

E-mail: [support@akoma.zendesk.com](mailto:support@akoma.zendesk.com)