



PRODUCT SPECIFICATION SHEET FOR BITTER ALMOND OIL

| GENERAL INFORMATION | | | |
|------------------------|---|-------------------------|---------------------------|
| INCI Name | Prunus Amygdalus Amara (Bitter Almond) Kernel Oil | | |
| Botanical source | <i>Prunus Amygdalus Amara</i> | | |
| Botanical family | Rosaceae | | |
| Description | The fixed oil of is obtained by Cold pressed of <i>Prunus Amygdalus Amara</i> Seeds | | |
| Status | Conventional / Organic | | |
| Part of Plant Used | Seeds | | |
| Production Process | Cold Pressed | | |
| Origin | Egypt | | |
| Manufacturer | Pure Essential Oils & Herbs Co. | | |
| REGULATORY INFORMATION | | | |
| FEMA | 2046 | EINECS | 640-369-0 |
| FDA | 182.2 | CAS EINECS | 90320-35-7 |
| CAS TCSA | 8013-76-1 | Product Code | PCP-02900 |
| PHYSICAL PROPERTIES | | | |
| Appearance | Pale yellow clear liquid | Iodine value (g/100g) | 92-106 |
| Odour/taste | Sweet nutty aroma | Saponification | 189-196 |
| Solubility | Insoluble in Water, Soluble in alcohol and fixed oils. | Unsaponification Matter | N/A |
| Refractive index @20°C | 1.530 – 1.555 | Flash Point | 59°C |
| Density @20°C | 1.030 – 1.055 | Melting Point | -57.12 °C |
| Optical Rotation @20°C | -2 to +2° | Shelf Life | 24 Months |
| Acid Value | N/A | Uses | Pharmaceutical Industries |
| Fatty Acid Profile | | | |
| BENZALDEHYDE | 95 – 100 | BENZOIC ACID | > 1 |
| BENZYL ALCOHOL | > 0.4 | TRAN-SCINNAMALDEHYDE | > 0.1 |

STABILITY AND STORAGE:

Keep in tightly closed container in a cool and dry place, protected from sunlight. When stored for more than 24 months, quality should be checked before use

Disclaimer:

The information contained in this specification is based on data considered to be accurate and reliable as at the date of the specification to the best of the supplier's knowledge and belief. It is user's obligation to determine the safe use of the product for its own applications or suitability for use since the conditions of use, handling, storage and disposal are beyond the supplier's control. The user should therefore take all necessary precautions to ensure the safe and suitable use of the product described in the specification

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| Approved by: | QA | Version: | 24 Jan. 2020 |
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PURE ESSENTIAL OILS & HERBS CO.
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