



## PRODUCT SPECIFICATION SHEET FOR BORAGE OIL

GENERAL INFORMATION			
INCI Name	Borago Officinalis Seed Oil		
Botanical source	<u>Borago Officinalis</u>		
Botanical family	Boraginaceae		
Description	Borage Seed Oil is the fixed oil obtained from the seeds of Borago officinalis L		
Status	Conventional / Organic		
Part of Plant Used	Seeds		
Production Process	Cold Pressed		
Origin	Egypt		
Manufacturer	Pure Essential Oils & Herbs Co.		
REGULATORY INFORMATION			
FEMA	N/A	EINECS	281-661-4
FDA	182.2	CAS EINECS	N/A
CAS TCSA	225234-12-8	Product Code	PCP09100
PHYSICAL PROPERTIES			
Appearance	Clear yellow oily liquid		
Odor/taste	Characteristic odor		
Refractive index @20°C	1.470 – 1.500	Saponification	< 2.5
Density @20°C	0.900 - 0.930	Peroxide	< 10
Acid Value	< 2.0 mg KOH/g	Flash Point	> 100
Iodine value (g/100g)	130-150	Shelf Life	24 Months
Solubility	Insoluble in Water, Soluble in alcohol and fixed oils.		
Uses	Pharmaceutical Industries , Cosmetics Industries .		
Fatty Acid Profile			
PALMITIC C16:0	9.0 – 12.0	OLEIC C18:1	14.0 – 22.0
STEARIC C18:0	2.0 – 6.0	LINOLEIC C18:2	30.0 – 45.0
LINOLENIC C18:3	18.0 – 20.0		

### 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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