



Product Specification

Product Name	Borage Oil				
Date	17/08/2016	Product Code	-	Rev	01
Description	Borage Oil, Borago Officinalis Seed Oil is the fixed oil obtained from the seeds of Borago officinalis L., Boraginaceae.				
Appearance	Clear oily liquid, pale yellow				
Odour	Characteristic				
INCI Name	Borago Officinalis Seed Oil				
CAS Number	225234-12-8	EC Number	Not available		

TEST SPECIFICATION

ANALYTICAL TEST	SPECIFICATION RANGE
Relative Density @ 20°C (g/ml)	0.910 – 0.930
Refractive Index @ 20°C	1.470 – 1.480
Acid value (mgKOH/g)	≤ 1.0
Iodine value (mg/g)	125.0 – 160.0
Saponification value (mg/KOH/g)	185.0 – 195.0
Peroxide value (Meq/kg)	≤ 10.0
Fatty Acid Profile (%):	
C16:0 Palmitic Acid	5.0 – 13.0
C18:0 Stearic Acid	1.0 – 6.0
C18:1 Oleic Acid	5.0 – 30.0
C18:2 Linoleic Acid	30.0 – 76.0
C18:3 Gamma Linolenic Acid	> 18.0
C18:3 Alpha Linolenic Acid	≤ 1.0
C20:1 Eicosenoic Acid	1.0 – 5.0
C22:1 Docosenoic Acid	1.0 – 3.5

STORAGE

Store product in full, tightly closed containers in a cool dry place away from heat and sunlight.

STABILITY

When stored for more than 24 months, quality should be checked before use.