



**CERTIFICATE OF ANALYSIS**  
**WHEATGERM VIRGIN OIL**

Batch No: 4408301  
Order No: September 2022

**Appearance:** Clear light brown oily liquid, which may have slight sediment  
**Taste:** Slightly nutty  
**Odour:** Slightly nutty

TEST	SPECIFICATION	ANALYSIS
Acid Value (% as Oleic)	10.0 maximum	1.24
Free Fatty Acid Value	7.5 maximum	0.62
Peroxide Value (meq/kg oil)	10.0 maximum	2.3
Specific Gravity @ 25°C	0.910 – 0.920	Complies
Refractive Index @ 40°C	1.4675 – 1.4720	Complies
Iodine Value (wijs)	120 – 140	133.6
Saponification Value	181 - 199	Complies

FATTY ACID PROFILE (%)		
C16:0 Palmitic Acid	11 – 20	12.3
C18:0 Stearic Acid	0 – 3.6	2.8
C18:1 Oleic Acid	12 – 38	21.5
C18:2 Linoleic Acid	40 – 60	54.3
C18:3 Alpha Linolenic Acid	4 - 10	7.9
C20:0 Arachidic Acid	1.0 maximum	0.3
C20:1 Eicosenoic Acid	2.0 maximum	0.6