

Product Specification

Spec Ref No	WGO 02	Issue Date	Mar 05
Product Name:	Refined Wheatgerm Oil	Latin Name	Triticum Aestivum
Origin	EU/USA		
Description and Applications	<p>A pale yellow to yellow oil with a slight but characteristic odour and flavour. It is produced using the lipids extracted from Wheatgerm followed by refining and further processing as required. This oil is a good nutritional source of the EFA, Linoleic Acid (a precursor to GLA), but due to the refining process it oil does not contain the same high levels of natural tocopherols found in the unrefined oil. This oil is suitable for use as a food supplement but in addition the lightness in colour, odour and general feel have been designed to suit the needs of the personal care market; it is an ideal for dry skin applications whether applied 'as is' or in a cream formulation @ 5% or better.</p>		

Test Parameter	Range/Max/Min	Typical Value
Acid Value	Max 1	0.25
Peroxide Value	Max 5	1.0
Iodine Value	120-140	128
Colour Lovibond 5¼ cell	3.0 red 30 yellow max	1.5 red 15 yellow
Fatty Acid Profile (Key Fatty Acids)		
Fatty Acid	Range/Max/Min	Typical Value
C16:0	11-17	12.5
C18:0	0.6-3.6	2.5
C18:1	14-25	18.5
C18:2	49-59	56.0
C18:3 ALA	4-10	7.0
C20:0	1 max	0.2
C20:1	2max	1.0
C22:0	-	-
C22:1	-	-

Additives Added	None unless required by customer , up to 2500ppm Vit E may be added upon request.
Additional information	-

Note:

This specification is issued for and on behalf of Northstar Lipids (UK) Ltd and serves as a guide as to the quality of the product to be supplied. The specification has been compiled using data from at least 3 commercial production batches of material. However, due to the natural variation that occurs in the raw materials and the climate changes that affect crop production, some parameters may, on occasion, fall outside their normal range. Northstar will notify you in advance if any of the parameters on any stock batch fall outside of specification.



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