



Product Specification

Spec Ref No	BKSO1	Issue Date	01/02/05
Product Name	RBWD Blackcurrant Seed Oil		
Latin Name	<i>Ribes Nigrum</i>		
Origin	UK		
Description & Principal Applications	A dark yellow to light amber oil extracted from blackcurrant seeds. This product is rich in key Essential Fatty Acids such as GLA and is therefore useful in both dietary supplement and skin care applications.		

Test Parameter	Range/Max/Min	Typical Value
Acid Value	0.1 – 1.0max	0.2
Peroxide Value	0-5max	2
Iodine Value	165-185	175
Colour	Dark Yellow to amber	
Fatty Acid Profile (Key Fatty Acids)		
Fatty Acid	Range/Max/Min	Typical Value
C16:0	4.0-8.0	6.4
C18:0	0.5-2.0	1.3
C18:1	12.0-16.0	14.5
C18:2	44.0-48.0	46.0
C18:3 ALA	12.5-16.5	14.7
C18:3 GLA	10.0-17.0	13.1
C18:4 SDA	1.0-3.5	2.7
C20:0	<1.0	0.6
C20:1	<1.0	0.5
C22:0	<1.0	-
C22:1	<1.0	0.2

Additives Added	None unless requested
Additional information	This grade of oil is winterised to reduce the deposit of natural plant waxes at temperatures below 20°C. However, it may still deposit waxes if subject to temperatures below 5°C for long periods. This oil should be stored in unopened drums out of direct sunlight and in an environment where the temperature does not exceed 25°C
Shelf Life	This product should remain within specification for 6 months from date of manufacture provided that it is stored correctly. Northstar do not provide any warranty or return policy for drums once opened for anything other than initial sampling purposes. Part drums should be purged with nitrogen to enhance shelf life

Note:

This specification is issued by and for Northstar Lipids (UK) Ltd as supplier 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.



Northstar Lipids (UK) Ltd

2 Daubeney Avenue

Saxilby

LN1 2WA

Tel/Fax : +44 (0) 1522 858427

Mobile : +44 (0) 7835 700467

E mail : northstarlipids@ntlworld.com