

Product Specification

Spec Ref No	BOR20	Issue Date	02/04/05
Product Name:	Refined Borage Oil min 20% GLA	Latin Name	<i>Borago Officinalis</i>
Origin	UK		
Description	A clear pale yellow-golden yellow oil extracted and refined within the UK. The oil is rich in GLA, a important fatty acid in the maintenance of the body's regulatory functions		

Test Parameter	Range/Max/Min	Typical Value
Acid Value	Max 1.0	0.2
Peroxide Value	Max 5 at time of production	1.0
Iodine Value	140-155	148.5
Colour	3.5r 35y max	1.5r 15y
Fatty Acid Profile (Key Fatty Acids)		
Fatty Acid	Range/Max/Min	Typical Value
C16:0	9-13%	10.8%
C18:0	3-5%	4.2%
C18:1	10-22%	16.5%
C18:2	33-46%	43%
C18:3 ALA	0.4%	0.2%
C18:3 GLA	Min 20%	20.5%
C20:1	2-6%	2.8%
C22:1	1-3.5%	2.5%

Additives Added	None unless requested by customer
Additional information	Due to seasonal variation the GLA of this material may vary from 20% to 23%. However, we can often select stock which meets specific customer GLA requirements

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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