

Appendix 4

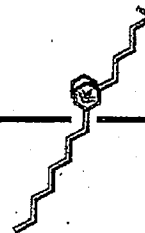
Independent Analysis of the Trans-fat Content of DHA-rich Oil from
Schizochytrium sp. at the Mylnefield Laboratories,
Scottish Crop Research Institute

Appendix 3



Mylnefield Research Services Ltd.

The Lipid Analysis Unit,
Mylnefield, Invergowrie, Dundee DD2 5DA, Scotland



Designation of sample - DHA Gold
DHA-rich Oil from Algae

Submitted by - Martek Biosciences Corporation

Our number - MRS LU/2002/1694-1696

Report Issue number - 2

Your Order number -

Trans Fatty Acid Analysis By Gas Chromatography:-

Method used: AOCS Method Ce 1f-96 "Determination of cis- and trans-Fatty Acids in Hydrogenated and Refined Oils and Fats by Capillary GLC"

MRSLU Number	Martek Lot Number	Trans Fatty Acid Content (%)		
		Sum of C18:1t	Sum of C18:2t	Sum of C18:3t
MRSLU/2002/1694	DHAL 1K0021A	0	0	0
MRSLU/2002/1695	DHAL 2F0026A	0	0	0
MRSLU/2002/1696	DHAL 2E0029A	0	0.2	0

MRSLU Number	Martek Lot Number	Individual Trans Fatty Acid Content (%)		
		C18:2 10t12t	C18:2 10t12c	C18:2 9c11t (CLA)
MRSLU/2002/1694	DHAL 1K0021A	0	0	0
MRSLU/2002/1695	DHAL 2F0026A	0	0	0
MRSLU/2002/1696	DHAL 2E0029A	0.1	0.1	0

Analysis carried out on a capillary column

R. Razzo B.Sc.
Analytical Chemist

Ruth Razzo 17/10/02

C. Reid C.Chem MRSC
Head of Lipid Analysis Unit

Claire Reid 17/10/02

