



Certificate of Analysis

Product Name:	DHA 20%	Batch Number:	Varies
Source:	Algae	Manufacture Date:	Varies
Botanical Name:	Schizochytrium sp.	Expiry Date:	Varies

IDENTIFICATION		SPECIFICATION	RESULT
Assay		20% DHA	20.18 - 20.32%
Physical	Appearance	Light yellow powder	Complies
	Water and volatile	$\leq 0.1\%$	0.04 - 0.06%
	Trans-fatty acids	$\leq 1\%$	0.11 - 0.15%
	Unsaponified	$\leq 4\%$	2.3 - 2.5%
	Insoluble impurities	$\leq 0.2\%$	0.08 - 0.1%
	Acid value (KOH)	$\leq 1\%$	0.5 - 0.6%
	Residue of Solvents	$\leq 1\%$	0.6 - 0.7%
Chemical	Heavy Metals	≤ 20 ppm	Complies
	Arsenic (As)	$\leq 2 - 3$ ppm	Complies
	Peroxide value	≤ 5	2.6 - 2.8%
Microbial	Bacteria	≤ 1000 cfu/g	Complies
	Yeast & Mold	≤ 100 cfu/g	Complies
	E. Coli	Negative	Complies

Else	Storage condition	Sealed, kept in shady and dry place
	Shelf life	Three years

