



ANALYSESERTIKAT FOR HAVFRUENES TRAN

PARAMETER	RESULTS:	SPECIFICATIONS:	METHODS:
<i>Quality analysis:</i>			
Vitamin A (µg/g)	236	173.74/260.61 I.U	M.1
Vitamin E(mgTE/g)	2,73	2,61/3,91 I.U.	M.2
Vitamin D3(µg/g)	38.7	34.78/52.17 I.U	E.1
Free Fatty Acids (FFA,%)	0,09	Max. 0,2	M.3
Peroxide Value (PV, meq/kg)	0,90	Max. 1,0	M.4
p-Anisidin value (p-AV)	1.15	Max. 3	M.5
Saponification Value (ppm)	0	Max. 192	M.6
Unsaponifiable matter (%)	0.8	Max. 1,5	M.7
Iodine value	164.4	150-185	M.8
Colour test (Gardner Units)	2.5	Max. 8	M.9
Refractive index (20 °C)	1,476	1,477 – 1,484	
Eicosapentaenoic acid (EPA,%)	9.5	Min. 7,0	M.11
Docosahexaenoic acid (DHA,%)	12.4	Min. 11,0	M.11
Total omega-3 fatty acids (%)	27,3	Min. 24	M.11
Saturated fatty acids (%)	16,7	Typically 16-18	M.11
Monounsaturated fatty acids (%)	52	Typically 45-52	M.11
Polyunsaturated fatty acids (%)	31	Typically 27-29	M.11

EXT. ANALYSIS, PARAMETER	SPECIFICATIONS	RESULTS	METHODS
<i>Environmental poisons min. 2 times/year</i>			
METALS			
Mercury (mg/kg)	< 0,02	<0,02	E.3
Lead (mg/kg)	< 0,1	<0,1	E.3
Cadmium (mg/kg)	< 0,02	<0,02	E.3
Tin (mg/kg)	< 50	<0,02	E.3
ORGANIC			
Sum Dioxins and Dioxin like PCB's (ng WHO-TEQ/kg):	≤ 2,0	≤ 0,20	E.4
- Dioxins ; dioxins/furans			
- Dioxin like PCB's; non-ortho, monoortho PCB's			
Pesticides			
Total chlordanes (mg/kg)	< 0,05	<0,01	E.5
Total DDT= DDD,DDE,DDT (mg/kg)	< 0,25	<0,01	E.5
Dieldrin (mg/kg)	< 0,01	<0,01	E.5
HCB (mg/kg)	< 0,02	<0,005	E.5
α-HCH (mg/kg)	< 0,01	<0,01	E.5
γ-HCH = Lindane (mg/kg)	< 0,01	<0,01	E.5
Toxaphenes (sum congener 26, 50, 66) (mg/kg) < 0,06		<0,01	E.6
MICROORGANISMS			
Total viable aerobic count (cfu/g)	Not more than 10 ²	<10 ²	E.7
E.Coli *)	Negative	Negative	E.8
Salmonella	Negative	Negative	E.9
OTHER ANALYSIS (4 times/year)			
Relative density (g/ml at 20 °C)	0,917 – 0,930	0,93	E.10