

Eurofins Analytik GmbH · Neuländer Kamp 1 · D-21079 Hamburg

Napro Pharma AS  
attn. Mrs. Ingrid Holmen Blindheim  
Strandgata 60  
6270 Brattvaag  
NORWAY

**Person in charge** Mr. M. Krück  
**Client support** Mr. M. Krück - 721

Report date 30.03.2007

**Analytical report: AR-07-JJ-035833-01**



**Sample Code 703-2007-00231267**

<b>Reference</b>	Fish Oil 10/20 Homogen - T27 12/3-07
<b>Lot-no.</b>	703M29
<b>Number</b>	1
<b>Amount</b>	appr. 100 ml
<b>Reception temperature</b>	room temperature
<b>Ordered by</b>	Mrs. Ingrid Holmen Blindheim
<b>Sample sender</b>	Mrs. Ingrid Holmen Blindheim
<b>Sender</b>	DHL / letter of 12.03.07 / M.Uksnoy
<b>Received on</b>	15.03.2007
<b>Packaging</b>	glass bottle with screw closure
<b>Start/end of analyses</b>	15/03/2007 / 30/03/2007

**TEST RESULTS**

**Physical-chemical Analysis**

<b>J1001</b>	<b>Sample preparation</b>		
Method:	§64 LFGB L 00.00-19/1, microwave digestion by pressure		
<b>J1013</b>	<b>Lead (Pb)</b>		
Method:	§64 LFGB L00.00-19/3, AAS-Gr.		
Lead (Pb)		<0.02	* mg/kg
<b>J1005</b>	<b>Cadmium (Cd)</b>		
Method:	§64 LFGB L00.00-19/3, AAS-Gr.		
Cadmium (Cd)		<0.005	* mg/kg
<b>J1018</b>	<b>Mercury (Hg)</b>		
Method:	§64 LFGB L00.00-19/4, AAS-cold vapour		
Mercury (Hg)		<0.005	* mg/kg
<b>J1003</b>	<b>Arsenic (As)</b>		
Method:	analog §64 LFGB L 00.00-19/3, AAS-Gr.		
Arsenic (As)		<0.05	* mg/kg
<b>J1042</b>	<b>Copper (Cu)</b>		
Method:	EN ISO 11885, mod., ICP		
Copper (Cu)		<0.05	* mg/kg
<b>J1043</b>	<b>Iron (Fe)</b>		
Method:	EN ISO 11885, mod., ICP		

**Wiertz-Eggert-Jörissen**

Iron (Fe)	0.15	mg/kg
<b>ER011 Dioxins &amp; Furans (PCDDs/PCDFs), 17 2,3,7,8-substituted toxic congeners</b>		
Method: HRGC/HRMS		
Analysed by partner laboratory Ergo		
2,3,7,8-TetraCDD	<0.05	* pg/g
1,2,3,7,8-PentaCDD	<0.07	* pg/g
1,2,3,4,7,8-HexaCDD	<0.11	* pg/g
1,2,3,6,7,8-HexaCDD	<0.10	* pg/g
1,2,3,7,8,9-HexaCDD	<0.09	* pg/g
1,2,3,4,6,7,8-HeptaCDD	<0.17	* pg/g
OctaCDD	<0.31	* pg/g
2,3,7,8-TetraCDF	<0.04	* pg/g
1,2,3,7,8-PentaCDF	<0.04	* pg/g
2,3,4,7,8-PentaCDF	<0.03	* pg/g
1,2,3,4,7,8-HexaCDF	<0.07	* pg/g
1,2,3,6,7,8-HexaCDF	<0.05	* pg/g
1,2,3,7,8,9-HexaCDF	<0.10	* pg/g
2,3,4,6,7,8-HexaCDF	<0.08	* pg/g
1,2,3,4,6,7,8-HeptaCDF	<0.07	* pg/g
1,2,3,4,7,8,9-HeptaCDF	<0.15	* pg/g
OctaCDF	<0.27	* pg/g
TEQ (WHO) PCDD/F incl. LOQ	0.21	pg/g
<b>ER012 Dioxinlike PCBs (also called DL-PCBs or WHO-PCBs)</b>		
Method: HRGC/HRMS		
Analysed by partner laboratory Ergo		
PCB IUPAC 77	<7.4	* pg/g
PCB IUPAC 81	<0.6	* pg/g
PCB IUPAC 126	<2.7	* pg/g
PCB IUPAC 169	0.4	pg/g
PCB IUPAC 105	49	pg/g
PCB IUPAC 114	<4	* pg/g
PCB IUPAC 118	146	pg/g
PCB IUPAC 123	11	pg/g
PCB IUPAC 156	45	pg/g
PCB IUPAC 157	10	pg/g
PCB IUPAC 167	40	pg/g
PCB IUPAC 189	14	pg/g
TEQ Dioxin-like PCBs (WHO) incl LOQ	0.33	pg/g
<b>ER013 Marker-PCBs (7 congeners)</b>		
Method: HRGC/HRMS		
Analysed by partner laboratory Ergo		
PCB IUPAC 28	<0.02	* ng/kg
PCB IUPAC 52	0.02	ng/kg
PCB IUPAC 101	0.09	ng/kg
PCB IUPAC 118	0.15	ng/kg
IUPAC - No. 138	0.63	ng/kg
IUPAC - No. 153	0.59	ng/kg
IUPAC - No. 180	0.67	ng/kg
<b>JJ07U Sum of dioxins, furans and dioxin-like PCBs (WHO-PCDD/F-PCB-TEQ)</b>		
Method: Internal Method, calculated		
Total (WHO-PCDD/F-PCB-TEQ)	0.54	pg/g
<b>JJ036 Polycyclic aromatic hydrocarbons (PAH)</b>		
Method: Internal Method, GC-MS		
Fluorene	6	µg/kg
Phenanthrene	2.1	µg/kg
Anthracene	1	µg/kg
Fluoranthene	0.7	µg/kg
Pyrene	<0.5	* µg/kg
Benzo(a)anthracene	<0.5	* µg/kg
Chrysene/Triphenylene	<0.5	* µg/kg
Benzo(b)fluoranthene	<0.5	* µg/kg
Benzo-(k)-fluoranthene	<0.5	* µg/kg

The results of examination refer exclusively to the checked samples.

Duplicates - even in pairs - must be authorized by the test laboratory in written form.

Eurofins Analytik GmbH · Neuländer Kamp 1 · D-21079 Hamburg

Place of execution and place of jurisdiction is Hamburg - lower district court Hamburg HRB 917 32

General Managers: Dr. Markus Brandmeier, Peter Amend, Dr. Robert Gatermann, Thomas Herrmann, Dr. Christian Hummert, Dr. Manfred Linkerhäger

VAT No.: DE 812492823

Nord/LB (BLZ 250 500 00) Konto-Nr. 135 0262 19 SWIFT-BIC NOLADE2HXXX IBAN DE49 2505 0000 0135 0262 19



DAP-PL-1453.99

Durch die DAP Deutsches Akkreditierungssystem  
Prüfwesen GmbH akkreditiertes Prüflaboratorium

DIN EN ISO/IEC 17025

Die Akkreditierung gilt für die in der Urkunde  
aufgeführten Prüfverfahren

Wiertz-Eggert-Jörissen

Benzo(a)pyrene	<0.5	* µg/kg
Indeno(1,2,3-cd)pyrene	<0.5	* µg/kg
Dibenzo(a,h)anthracene	<0.5	* µg/kg
Benzo(ghi)perylene	<0.5	* µg/kg
Sum of "heavy" PAH (>=5 rings)	Inapplicable	
Sum of all positive identified PAH	9.8	µg/kg
<b>S0401 Organochlorine Pesticides</b>		
Method: LMBG L00.00-34, GC-ECD		
Analysed by partner laboratory Dr. Specht Laboratorien		
Organochlorine pesticides	Not Detected	
<b>S0403 Organophosphorus Pesticides</b>		
Method: LMBG L00.00-34, GC-FPD		
Analysed by partner laboratory Dr. Specht Laboratorien		
Organophosphorus pesticides	Not Detected	
<b>S0402 Pyrethroids</b>		
Method: LMBG L00.00-34, GC-ECD		
Analysed by partner laboratory Dr. Specht Laboratorien		
Pyrethroids pesticides	Not Detected	
<b>AS101 Toxaphene Congeners (Parlar Congeners)</b>		
Method: GC-ECD		
Analysed by partner laboratory Dr. Specht Laboratorien		
Toxaphene Parlar 26	<0.02	* mg/kg
Toxaphene Parlar 50	<0.02	* mg/kg
Toxaphene Parlar 62	<0.02	* mg/kg

\* = Below indicated quantification level

**JUDGEMENT**

According to Article 1 of the Regulation (EC) No. 1881/2006 foodstuffs indicated in Annex I, Section 5 must not, when placed on the market, contain higher dioxin levels than those specified. The maximum levels, expressed in WHO toxic equivalents using the WHO-TEFs (toxic equivalency factors, 1997) for the sum of dioxins and furans (WHO-PCDD/F-TEQ) or the sum of dioxins, furans and dioxin-like PCBs (WHO-PCDD/F-PCB-TEQ) are:

	(WHO-PCDD/F-TEQ)	(WHO-PCDD/F-PCB-TEQ)
<b>5.5 Oils and fats</b>		
- Animal fat		
-- of ruminants	3 pg/g fat	4,5 pg/g fat
-- of poultry and farmed game	2 pg/g fat	4,0 pg/g fat
-- of pigs	1 pg/g fat	1,5 pg/g fat
-- mixed animal fats	2 pg/g fat	3,0 pg/g fat
- Vegetable oils and fats	0,75 pg/g fat	1,5 pg/g fat
- Fish oil intended for human consumption	2 pg/g fat	10,0 pg/g fat

Considering this limit, the a.m. sample meets this requirement.

Signature



Dr. C. Hummert / Dr. R. Gatermann / Dr. W. Winkelmann