



PRODUCT DATA SHEET

2014

Product: **Winterized Fish Oil**

Identification: **WNDB *- Ω30**

Description: Winterized, neutralized, dried and bleached oil, treated under strict hygienic controls. Oil for Human Consumption, mainly extracted from fish caught in the northern coasts of Chile.

ANALYTICAL SPECIFICATIONS

Parameter	Method	Unit	Min	Max
Omega 3 (EPA+DHA)	AOCS Ce 1B-89	Área %	30,00	
Free Fatty Acid (FFA)	NCh2759 Of.2002	% Oleic Acid		0,15
Moisture	AOCS Ca 2a-45	%		0,2
Impurities	NCh2744 Of.2002	%		0,1
Peroxide Value	AOCS Cd 8-53	mEq/Kg		4
Anisidine Value	AOCS Cd 18-90	-		20
Iodine Value	AOCS Cd 1-25	gl/100g	175	190
Insaponifiable Matter	AOAC 933.08	%		1,50
Colour	AOCS Td 1a-64	Gadner	6	7
Soap	AOCS Cc 17-95	mg/Kg		5
Lead	AOCS 999.10	mg/Kg		0,1
Mercury	AOCS 999.10	mg/Kg		0,05
Cadmium	AOCS 999.10	mg/kg		0,2
Cloud Point	AOCS Cc6-25	-		3° C

* Winterized, neutralized, dried and bleached oil

Av. El Golf 150, Piso Nº 15, Las Condes; Santiago, Chile.
Tel: +56-2-4764080; Fax: +56-2-4764083
Av. Arturo Prat Sitio 93, Barrio Industrial, Iquique, Chile.
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Servicios y Refinerías del Norte S.A.
SERENOR



PRODUCT DATA SHEET

2014

Product: **Winterized Fish Oil**

Identification: **WNDB *- Ω1812**

Description: Winterized, neutralized, dried and bleached oil, treated under strict hygienic controls. Oil for Human Consumption, mainly extracted from fish caught in the northern coasts of Chile.

ANALYTICAL SPECIFICATIONS

Parameter	Method	Unit	Min	Max
C20:5 n-3 (EPA)	AOCS Ce 1B-89	Área %	18,00	
C22:6 n-3 (DHA)	AOCS Ce 1B-89	Área %	12,00	
Omega 3 (EPA+DHA)	AOCS Ce 1B-89	Área %	30,00	
Free Fatty Acid (FFA)	NCh2759 Of.2002	% Oleic Acid		0,15
Moisture	AOCS Ca 2a-45	%		0,2
Impurities	NCh2744 Of.2002	%		0,1
Peroxide Value	AOCS Cd 8-53	mEq/Kg		4
Anisidine Value	AOCS Cd 18-90	-		20
Iodine Value	AOCS Cd 1-25	gI/100g	175	190
Insaponifiable Matter	AOAC 933.08	%		1,50
Colour	AOCS Td 1a-64	Gadner	6	7
Soap	AOCS Cc 17-95	mg/Kg		5
Lead	AOCS 999.10	mg/Kg		0,1
Mercury	AOCS 999.10	mg/Kg		0,05
Cadmium	AOCS 999.10	mg/kg		0,2
Cloud Point	AOCS Cc6-25	-		3° C

* Winterized, neutralized, dried and bleached oil

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PRODUCT DATA SHEET

2014

Product: **Winterized Fish Oil**

Identification: **WNDB *- EPA20**

Description: Winterized, neutralized, dried and bleached oil, treated under strict hygienic controls. Oil for Human Consumption, mainly extracted from fish caught in the northern coasts of Chile.

ANALYTICAL SPECIFICATIONS

Parameter	Method	Unit	Min	Max
C20:5 n-3 (EPA)	AOCS Ce 1B-89	Área %	20,00	
C22:6 n-3 (DHA)	AOCS Ce 1B-89	Área %	10,00	
Omega 3 (EPA+DHA)	AOCS Ce 1B-89	Área %	30,00	
Free Fatty Acid (FFA)	NCh2759 Of.2002	% Oleic Acid		0,15
Moisture	AOCS Ca 2a-45	%		0,2
Impurities	NCh2744 Of.2002	%		0,1
Peroxide Value	AOCS Cd 8-53	mEq/Kg		4
Anisidine Value	AOCS Cd 18-90	-		20
Iodine Value	AOCS Cd 1-25	gI/100g	175	190
Insaponifiable Matter	AOAC 933.08	%		1,50
Colour	AOCS Td 1a-64	Gadner	6	7
Soap	AOCS Cc 17-95	mg/Kg		5
Lead	AOCS 999.10	mg/Kg		0,1
Mercury	AOCS 999.10	mg/Kg		0,05
Cadmium	AOCS 999.10	mg/kg		0,2
Cloud Point	AOCS Cc6-25	-		3° C

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PRODUCT DATA SHEET

2014

Product: **Winterized Fish Oil**

Identification: **WNDB *- Ω1218**

Description: Winterized, neutralized, dried and bleached oil, treated under strict hygienic controls. Oil for Human Consumption, mainly extracted from fish caught in the northern coasts of Chile.

ANALYTICAL SPECIFICATIONS

Parameter	Method	Unit	Min	Max
C20:5 n-3 (EPA)	AOCS Ce 1B-89	Área %	12,00	
C22:6 n-3 (DHA)	AOCS Ce 1B-89	Área %	18,00	
Omega 3 (EPA+DHA)	AOCS Ce 1B-89	Área %	30,00	
Free Fatty Acid (FFA)	NCh2759 Of.2002	% Oleic Acid		0,15
Moisture	AOCS Ca 2a-45	%		0,2
Impurities	NCh2744 Of.2002	%		0,1
Peroxide Value	AOCS Cd 8-53	mEq/Kg		4
Anisidine Value	AOCS Cd 18-90	-		20
Iodine Value	AOCS Cd 1-25	gI/100g	175	190
Insaponifiable Matter	AOAC 933.08	%		1,50
Colour	AOCS Td 1a-64	Gadner	6	7
Soap	AOCS Cc 17-95	mg/Kg		5
Lead	AOCS 999.10	mg/Kg		0,1
Mercury	AOCS 999.10	mg/Kg		0,05
Cadmium	AOCS 999.10	mg/kg		0,2
Cloud Point	AOCS Cc6-25	-		3° C

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PRODUCT DATA SHEET

2014

Product: **Winterized Fish Oil**

Identification: **WNDB *- DHA20**

Description: Winterized, neutralized, dried and bleached oil, treated under strict hygienic controls. Oil for Human Consumption, mainly extracted from fish caught in the northern coasts of Chile.

ANALYTICAL SPECIFICATIONS

Parameter	Method	Unit	Min	Max
C20:5 n-3 (EPA)	AOCS Ce 1B-89	Área %	10,00	
C22:6 n-3 (DHA)	AOCS Ce 1B-89	Área %	20,00	
Omega 3 (EPA+DHA)	AOCS Ce 1B-89	Área %	30,00	
Free Fatty Acid (FFA)	NCh2759 Of.2002	% Oleic Acid		0,15
Moisture	AOCS Ca 2a-45	%		0,2
Impurities	NCh2744 Of.2002	%		0,1
Peroxide Value	AOCS Cd 8-53	mEq/Kg		4
Anisidine Value	AOCS Cd 18-90	-		20
Iodine Value	AOCS Cd 1-25	gI/100g	175	190
Insaponifiable Matter	AOAC 933.08	%		1,50
Colour	AOCS Td 1a-64	Gadner	6	7
Soap	AOCS Cc 17-95	mg/Kg		5
Lead	AOCS 999.10	mg/Kg		0,1
Mercury	AOCS 999.10	mg/Kg		0,05
Cadmium	AOCS 999.10	mg/kg		0,2
Cloud Point	AOCS Cc6-25	-		3° C

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