

TECHNICAL DATA SHEET

DESCRIPTION: LYNSIDE® FORTE Se+ 2000 was introduced in 1975 as an original food form of organically bound selenium, predominately L-selenomethionine. It is produced with a specially selected strain of *Saccharomyces cerevisiae*. The yeast is grown under carefully controlled conditions and then dried on drum dryers.

INGREDIENT STATEMENT: Selenium-enriched yeast

PACKAGING: 25 kg box

CUSTOM CODE: 2102 20 19 90

STORAGE: To be stored in its original packaging in a cool and dry place protected from direct sun-light.

SHELF LIFE: 3 years in its original packaging.

PHYSICO-CHEMICAL CHARACTERISTICS

Appearance	Powder
Color	Light tan
Aroma & flavor	Yeasty
Particle Size	d(0.5) ~ 100-120µm
Distribution	d(0.9) ~ 270-290µm

FEATURES

Benefits

2 000 µg/g Selenium (DSB)	The Se source is organically bound. The level of Se is guaranteed to be 2 000 - 2 400 µg/g.
High Nutritional Quality	Enrich existing formula with vitamins, minerals and essential amino acids.
Positive opinion from EFSA* (22th July 2008)	Higher bioavailability Toxicity shown to be lower
Standard particle size	Can be easily tableted or mixed.

* See European Food Safety Authority website: <https://dx.doi.org/10.2903/j.efsa.2008.766>

ANALYTICAL PROFILE

SPECIFICATIONS

Selenium	AOAC 990.08	2 000 - 2 400 µg/g
Dry matter	AOAC 960.18	≥ 94 % (w/w)
Total plate count	BAM CH.3	≤ 2 000 CFU/g
Yeasts	BAM CH.18	≤ 50 CFU/g
Molds	BAM CH.18	≤ 50 CFU/g
Total coliforms	Coliform by Rapid E.COL 2 / AOAC 050601	≤ 10 CFU/g
E.coli	E.coli by Rapid E.COL 2 / AOAC 050601	≤ 10 CFU/g
Salmonella	AOAC 2013.01	Negative/ 25 g

NUTRIENT CONTENT (Typical data)** (Values are given for indication only)

**Nutrition declaration according to Regulation (EU) No1169/2011

Energy value 362 Kcal/100g (1519 KJ/100g)	
Fat	3-6 g / 100 g
of which saturates	1-2 g / 100 g
Carbohydrate	5 g / 100 g
Fiber	24 g / 100 g
Protein	48-60 g / 100 g
Ash	6-8 g / 100 g
Salt	0.08 g/100g

VITAMINS

/100g

B1 (Thiamine)	13 mg
B2 (Riboflavin)	5 mg
PP (Niacin)	55 mg
B5 (Pantothenic Acid)	6,5 mg
B6 (Pyridoxine Hydrochloride)	40 mg
B8 (Biotin)	100 µg
B9 (Folic Acid)	3 500 µg
B12 (Cobalamin)	<100 µg
Choline	400 mg

MINERALS

/100g

Calcium	70,0 mg
Chromium	< 50 µg
Copper	0,8 mg
Iron	5,5 mg
Magnesium	130 mg
Manganese	0,6 mg
Molybdenum	400 µg
Phosphorus	1 100 mg
Potassium	2 000 mg
Selenium	200 000 µg
Zinc	19,7 mg

AMINO ACIDS g/100g

Alanine	3,5
Arginine	2,5
Aspartic Acid	5,7
Cystine	0,5
Glutamic Acid	9,2
Glycine	2,5
Histidine*	1,2
Isoleucine*	2,5
Leucine*	3,8
Lysine*	4,5
Methionine*	0,9
Phenylalanine*	2,2
Proline	2,1
Serine	2,8
Threonine*	2,8
Tryptophan*	0,5
Tyrosine	1,9
Valine*	3,0

* essential amino acids

HEAVY METALS

µg/g (ppm)

Arsenic	< 2
Cadmium	< 1
Mercury	< 0.1
Lead	< 1



Gnosis
by Lesaffre