



EuroVanillin Expert Fact Sheet

EuroVanillin Expert are products based on vanillin ex lignin. The profile is pure, smooth and creamy vanilla with a top-note designed to support the existing flavor in the end products.

Solubility

All the expert-products are designed to be added dry along with the other dry components in the product.

Minerals and other elements

Element	Specification	Method
Aluminium (Al)	< 5 ppm	ICP
Arsenic (As)	< 0.05 ppm	AAS-graphite
Calcium (Ca)	< 5 ppm	ICP
Cadmium (Cd)	< 0.5 ppm	ICP
Chromium (Cr)	< 0.5 ppm	ICP
Copper (Cu)	< 0.5 ppm	ICP
Iron (Fe)	< 0.5 ppm	ICP
Mercury (Hg)	< 0.1 ppm	AAS-c.v.
Potassium (K)	< 15 ppm	ICP
Magnesium (Mg)	< 2 ppm	ICP
Manganese (Mn)	< 0.5 ppm	ICP
Molybdenum (Mo)	< 5 ppm	ICP
Sodium (Na)	< 150 ppm	ICP
Nickel (Ni)	< 0.5 ppm	ICP
Phosphorus (P)	< 5 ppm	ICP
Lead (Pb)	< 2 ppm	ICP
Selenium (Se)	< 0.1 ppm	AAS-graphite
Zinc (Zn)	< 0.5 ppm	ICP
Chloride (Cl)	< 100 ppm	XRF
Iodine (I)	< 10 ppm	XRF
Sulphur (S)	< 50 ppm	XRF

Analysed twice a year.

ICP=atom emission spectroscopy, AAS=atom absorption, XRF=x-ray fluorescence

The sign < (less than) indicates the detection limit of the method used.



Heavy Metals

Element	Value	Unit	Method
Arsenic	<0,2	PPM	AAS
Lead	<1,0	PPM	ICP
Cadmium	<0,1	PPM	ICP
Mercury	<0,1	PPM	AAS-CV

Microbiological Content

Analysis	Unit	Limit	Method
Total plate count ¹⁾	CFU/g	< 100	NMKL 86
Aerobic spores ¹⁾	CFU/g	< 10	SLB7.02
Anaerobic spores ¹⁾	CFU/g	< 10	KIM Intern
Moulds	CFU/g	< 10	M084CA
Yeasts	CFU/g	< 10	M084AA
Enterobacteriaceae	CFU/g	< 10	M026AA
Colif. Bact.	CFU/g	< 10	M040AA
B. Cereus	CFU/g	< 100	M013AA
Thermof. coli	CFU/g	< 10	M079AA
Sulphite reducing Clostridia spores	CFU/g	< 10	M019BF
Enterococcus	CFU/g	< 100	M025AA
Listeria sp.	Per 25 g	Absent	M096IB
Salmonella	Per 25 g	Absent	M068AA
<i>Staphylococcus aureus</i>	Per 10 g	Absent	M026AA

1) Analysed once a month, the other analysis are carried out twice a year. (all according to recommendations from the Norwegian Health Authorities)



Nutritional Information

Analysis (per 100 g)	Expert
Water	< 1,0 g
Energy	960 kcal/4020kJ
Protein	0 g
Carbohydrates ¹	57 g
Fat ²	0 g
Cholesterol	0 g
Alcohol	0 g
Sulphated ash	< 0.05 g
Organic acids ³	0 g
Dietary fibres	0 g
Vitamins	Absent

- 1) Including sugar alcohols (polyols).
- 2) Fat is defined as the sum of lipid fatty acids expressed as triglycerides.
- 3) Tartrate, molate, isocitrate, citrate, lactate, ascorbate, acetate, fumarate, propionate, galaktate, succinate.

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