

## DATA SHEET

Version: 23.01.2026

## SPECIES

Pigs, Poultry

EP199 is a complementary feed produced from rapeseed meal and seaweed fermented with lactic acid bacteria. EP199 contains fermentation metabolites including lactic acid and gut flora stabilising lactic acid bacteria. The fermentation process ensures a high digestibility of the product and makes it suitable for maintaining a healthy gut.

EP199 should not exceed inclusion beyond 20% of the complete feed.

### NUTRIENTS

Dry Matter	899 g/kg
Crude Protein	339 g/kg
Crude Fat	38 g/kg
Crude Fibre	123 g/kg
Crude Ash	94 g/kg
Sugars	43 g/kg

### ENERGY

ME Pigs	10.6 MJ/kg
ME Layers	6.9 MJ/kg
NE Pigs	6.7 MJ/kg

### LACTIC ACID AND BACTERIA

Lactic acid	54 g/kg
Lactic acid bacteria*	>10 <sup>6</sup> cfu/g

\*Gut flora stabiliser Enterococcus lactis (NCIMB 10415)

### ACID BINDING CAPACITY

ABC-4	176 mEq/kg
ABC-3	553 mEq/kg

**APPEARANCE:** Dark brown meal product with a pleasant fragrance of seaweed and fermentation.

**PACKAGE SIZE:** Bulk or in big bags.

### STORAGE & SHELF LIFE OF NUTRIENTS:

12 months from production date when stored at 25°C or below. Shelf life will be shorter if stored at a higher temperature.

AMINO ACIDS	GROSS	SID PIGS	SID POULTRY	
Lys	19.0	15.6	16.5	g/kg
Met	6.9	5.9	6.4	g/kg
M+C	14.1	11.6	12.5	g/kg
Thre	15.0	12.0	12.4	g/kg
Tryp	4.6	3.7	4.1	g/kg
Ile	12.8	10.6	11.1	g/kg
Arg	19.6	17.5	17.7	g/kg
His	8.8	7.5	7.7	g/kg
Leu	23.5	19.7	20.5	g/kg
Val	17.1	13.7	14.6	g/kg
Phen	13.3	11.2	11.6	g/kg
Tyr	9.6	8.0	8.4	g/kg

### MINERALS

Calcium	8.0 g/kg
Phosphorus	10.0 g/kg
Dig. Phosphorus	6.5 g/kg
Sodium	1.4 g/kg
Potassium	11.9 g/kg
Chloride	0.4 g/kg

### PRODUCT ENVIRONMENTAL FOOTPRINT (PEF)\*

GWP in bulk w/o LUC	0.641 kg CO <sub>2</sub> e/kg
GWP in big bags w/o LUC	0.691 kg CO <sub>2</sub> e/kg
GWP in bulk w. LUC	0.711 kg CO <sub>2</sub> e/kg
GWP in big bags w. LUC	0.762 kg CO <sub>2</sub> e/kg

\*Product Environmental Footprint calculation of Global Warming Potential (GWP) of fermented complementary protein from cradle to gate produced at European Proteins factory site in Denmark. Calculated by Bureau Veritas HSE Denmark following the LCA and PEF core rules from ISO 14025:2006 and EU COM EF Annex 1 and 2, 2023, version 1.1. The GWP-values are subject to continuous improvements and will be revised as processes and inputs are optimised.