

# AS Projects

Agro - Supply - Projects

## QUALITY CERTIFICATE

**Original name: Processed animal protein**  
**Fish meal, wild catch**

Net weight: ~1000 kg

### Quality results

Raw material: Sprat 100% caught in the Baltic Sea

Appearance: Brown powder

Crude protein,% 67-72%

Fat,%: 10-14%

Moisture,% 5-9%

Salt,% 2

Ash % 14

Enteropathogenic echericia: not detected

Salmonella, 25g not detected

### Safety results

Calcium max 5%

Phosphorus max 5%

Peroxide max 0,1% by jod

Acidity number in fat max 20 ( mgKOH/g)

Lead, no more than 10,0 mg/kg

Cadmium, no more than 1,0 mg/kg

Arsenic, no more than 2,0 mg/kg

Mercury, no more than 0,5 mg/kg

Content of nitrates, no more than 400, 0 mg/kg

Content of nitrites, no more than 15, 0 mg/kg

Total flygtig nitrogen, TVN <200 (mgN/100g)

Digestibility 94-96 %

Dioxins/Furans max 1,25 ng/kg

Amino acids(%):

Lysine 5.6 Tryptophan 0.8

Arginine 4.2 Histidine 1.6

Threonine 3.0 Aspartic acid 6.5

Glutamic acid 9.3 Serine 2.7

Glycine 4.0 Cystine 0.551q

Valine 3.5 Alanine 4.4

Methionine 2.0 Tyrosine 2.2

Isoleucine 2.9 Phenylalanine 2.6

Leucine 5.1 Proline 2.6

GMO not detected

Free from DNK KRS, MRS pigs and chickens

Total number of bacteria less than:  $5 \times 10^5$  KOE/g

Pathogenic pasterily in 25g not detected

Pathogenic microflora in 1,0g not detected

Anaerobes in 1,0 g not detected

Enterococcus in 1,0g not detected

Bacteria of genus Proteus in 1,0g not detected

Aldrin, heptahlor not detected

Metabolites sum no more than 0,05 mg/kg