


Material: **SoyProFat® (Soybean expeller)**
 Cod of analysis: NW26-0327868-001
 Date of analysis: 2026-03-23
 Sample nr.: 20/3/26
 LOT nr.:
 Truck reg. Nr. :
 Date of report :


Results of amino acid analysis (AMINONIR®)


Parameter	Content %	Content % in crude protein
Dry matter	95,11	
Crude protein*	46,02	
Methionine	0,633	1,38
Cystine	0,696	1,51
Meth.+Cys.	1,353	2,94
Lysine	2,866	6,23
Threonine	1,789	3,89
Tryptophan	0,626	1,36
Arginine	3,472	7,54
Isoleucine	2,082	4,52
Leucine	3,459	7,52
Valine	2,182	4,74
Histidine	1,198	2,60
Phenylalanine	2,301	5,00
Glycine	1,967	4,27
Serine	2,316	5,03
Proline	2,332	5,07
Alanine	1,97	4,28
Aspartic acid	5,24	11,39
Glutamic acid	8,228	17,88
NH3	0,934	2,03
Total including NH3-al	43,564	94,66
Total without NH3	42,554	92,47

NIRS calibration equation: agSOYA01_57060_v4

*Crude protein calibration based on Dumas combustio method (CP factor 6,25)

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Analytical report



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Analytical report (AMINOProx®)

Parameter	Content %
Crude protein	46,02
Ether extract	8,9
Crude fiber	5,9
Crude ash	6,1
Starch	> 1.2
Acid Detergent Fibre (ADF)	8,2
Neutral Detergent Fiber (NDF)	11,5
Sugar	9,6
Phosphorus (mg/kg)	6303
Pgytic Phosphorus estim. (mg/kg)	3782

NIRS calibration equation: pgSOYA33_111872_v4



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Energy content (AMINONRG®)	
Parameter	Amount
Gross Energy MJ/kg	20,349
Gross Energy kcal/kg	4860
Digestable Energy Growing pigs (DE) MJ/kg	17,367
Digestable Energy Growing pigs (DE) Kcal/kg	4148
Digestable Energy Sows (DE) MJ/kg	19,201
Digestable Energy Sows (DE) MJ/kg	4586
Metabolisable Energy Growing pigs (ME) MJ/kg	16,66
Metabolisable Energy Growing pigs (ME) Kcal/kg	3979
Metabolisable Energy Sows (ME) MJ/kg	17,984
Metabolisable Energy Sows (ME) Kcal/kg	4295
Apparent Metabolisable energy (AMEn) Kcal/kg	10,968
Apparent Metabolisable energy (AMEn) MJ/kg	2620

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Overall evaluation of processing conditions

Parameter	Amount
KOH protein solubility %	87,3
Trypsin Inhibitor activity (TIA) mg/g	7
Reaktiv Lysine %	2,56
Reaktive Lysine/Lysine %	92,357
Processing Condition Indicator (PCI)	15,1
(0-10 Overprocessed; 11-20 Normal; 21-30 Underprocessed)	


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