



Material: **SoyProFat® (Soybean expeller)**
 Cod of analysis: NW26-0165232-001
 Date of analysis: 2026-02-10
 Sample nr.: SMS 052/26
 LOT nr.:
 Truck reg. Nr. :
 Date of report :


| Results of amino acid analysis (AMINONIR®) | | |
|--|--------------|-------------------------------|
| Parameter | Content % | Content % in crude protein |
| Dry matter | 93,99 | |
| Crude protein* | 43,81 | |
| Methionine | 0,628 | 1,43 |
| Cystine | 0,659 | 1,50 |
| Meth.+Cys. | 1,313 | 3,00 |
| Lysine | 2,788 | 6,36 |
| Threonine | 1,776 | 4,05 |
| Tryptophan | 0,62 | 1,42 |
| Arginine | 3,365 | 7,68 |
| Isoleucine | 2,09 | 4,77 |
| Leucine | 3,472 | 7,93 |
| Valine | 2,175 | 4,96 |
| Histidine | 1,192 | 2,72 |
| Phenylalanine | 2,279 | 5,20 |
| Glycine | 1,965 | 4,49 |
| Serine | 2,304 | 5,26 |
| Proline | 2,328 | 5,31 |
| Alanine | 1,978 | 4,51 |
| Aspartic acid | 5,218 | 11,91 |
| Glutamic acid | 8,137 | 18,57 |
| NH3 | 0,932 | 2,13 |
| Total including NH3-al | 40,953 | 93,48 |
| Total without NH3 | 40,244 | 91,86 |

NIRS calibration equation: agSOYA01_57060_v4

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

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Analytical report (AMINOProx®)

| Parameter | Content % |
|----------------------------------|-----------|
| Crude protein | 43,81 |
| Ether extract | 7,2 |
| Crude fiber | 6 |
| Crude ash | 6,3 |
| Starch | > 1.2 |
| Acid Detergent Fibre (ADF) | 8,2 |
| Neutral Detergent Fiber (NDF) | 13,3 |
| Sugar | 9,4 |
| Phosphorus (mg/kg) | 6084 |
| Pgytic Phosphorus estim. (mg/kg) | 3651 |

NIRS calibration equation: pgSOYA33_111872_v4





Analytical report




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| Energy content (AMINONRG®) | |
|--|--------|
| Parameter | Amount |
| Gross Energy MJ/kg | 19,922 |
| Gross Energy kcal/kg | 4758 |
| Digestable Energy Growing pigs (DE) MJ/kg | 17,011 |
| Digestable Energy Growing pigs (DE) Kcal/kg | 4063 |
| Digestable Energy Sows (DE) MJ/kg | 18,858 |
| Digestable Energy Sows (DE) MJ/kg | 4504 |
| Metabolisable Energy Growing pigs (ME) MJ/kg | 16,408 |
| Metabolisable Energy Growing pigs (ME) Kcal/kg | 3919 |
| Metabolisable Energy Sows (ME) MJ/kg | 17,75 |
| Metabolisable Energy Sows (ME) Kcal/kg | 4240 |
| Apparent Metabolisable energy (AMEn) Kcal/kg | 10,84 |
| Apparent Metabolisable energy (AMEn) MJ/kg | 2589 |

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Analytical report





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Overall evaluation of processing conditions

| Parameter | Amount |
|---|--------|
| KOH protein solubility % | 84,2 |
| Trypsin Inhibitor activity (TIA) mg/g | 6 |
| Reaktiv Lysine % | 2,47 |
| Reaktive Lysine/Lysine % | 89,069 |
| Processing Condition Indicator (PCI) | 15,6 |
| (0-10 Overprocessed; 11-20 Normal; 21-30 Underprocessed) | |


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