

# Certificate of Analysis

## AnaGain™ Nu

### Description

### Pea shoot extract powder

|                 |                                               |
|-----------------|-----------------------------------------------|
| Plant species   | Pisum sativum                                 |
| Plant part used | Organic shoots                                |
| Appearance      | White to yellow powder                        |
| Carrier         | 90-98.9 % Isomalt                             |
| Additives       | < 0.1% monosodium dihydrogen phosphate (E339) |
| Flavor / Taste  | Weak taste of pea                             |
| Solubility      | Water soluble                                 |

|                 |                                                   |                      |                |
|-----------------|---------------------------------------------------|----------------------|----------------|
| <b>Lot. Nr.</b> | <b>5846-089</b>                                   | <b>Expiry</b>        | <b>03/2027</b> |
| <b>Storage</b>  | <b>25°C, in closed containers at a dark place</b> | <b>Manufacturing</b> | <b>03/2024</b> |
|                 |                                                   | <b>Retest date:</b>  | <b>---</b>     |

| Analytical Data          | Specification | Methods      | Results     |
|--------------------------|---------------|--------------|-------------|
| Loss on drying           | < 6 %         | internal     | 4.6%        |
| Bulk density             | 350-650 g/l   | internal     | 543 g/l     |
| Particle size (D90)      | < 900 µm      | internal     | 362 µm      |
| Purine total             | ≥ 30 µg/g     | internal     | 53 µg/g     |
| Aerobic bacteria (TAMC)  | ≤ 1000 cfu/g  | EN ISO 21149 | ≤ 10 cfu/g  |
| Yeasts and moulds (TYMC) | ≤ 100 cfu/g   | EN ISO 16212 | ≤ 10 cfu/g  |
| Coliform Bacteria (TSA)  | negative / 5g | EN ISO 4832  | negative    |
| Lead (Pb)                | ≤ 1.0 mg/kg   | EN ISO 17294 | ≤ 1.0 mg/kg |
| Cadmium (Cd)             | ≤ 0.5 mg/kg   | EN ISO 17294 | ≤ 0.5 mg/kg |
| Mercury (Hg)             | ≤ 0.1 mg/kg   | EN 1483      | ≤ 0.1 mg/kg |
| Arsenic (As)             | ≤ 0.5 mg/kg   | EN ISO 11969 | ≤ 0.5 mg/kg |
| Aflatoxin B1             | ≤ 2.0 µg/kg   | HPLC         | ≤ 2.0 µg/kg |
| Aflatoxin B1, B2, G1, G2 | ≤ 4.0 µg/kg   | HPLC         | ≤ 4.0 µg/kg |

Pesticide Residues Raw material complies to the pesticide and PAH standards defined in EU

Country of Origin Switzerland

This certificate of analysis has been generated electronically and is valid without signature.

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### Description

### Pea shoot extract powder

|                 |                                               |
|-----------------|-----------------------------------------------|
| Plant species   | Pisum sativum                                 |
| Plant part used | Organic shoots                                |
| Appearance      | White to yellow powder                        |
| Carrier         | 90-98.9 % Isomalt                             |
| Additives       | < 0.1% monosodium dihydrogen phosphate (E339) |
| Flavor / Taste  | Weak taste of pea                             |
| Solubility      | Water soluble                                 |

|                 |                                                   |                      |                |
|-----------------|---------------------------------------------------|----------------------|----------------|
| <b>Lot. Nr.</b> | <b>5846-090</b>                                   | <b>Expiry</b>        | <b>07/2027</b> |
| <b>Storage</b>  | <b>25°C, in closed containers at a dark place</b> | <b>Manufacturing</b> | <b>07/2024</b> |
|                 |                                                   | <b>Retest date:</b>  | <b>---</b>     |

| Analytical Data          | Specification | Methods      | Results     |
|--------------------------|---------------|--------------|-------------|
| Loss on drying           | < 6 %         | internal     | 2.8%        |
| Bulk density             | 350-650 g/l   | internal     | 506 g/l     |
| Particle size (D90)      | < 900 µm      | internal     | 430 µm      |
| Purine total             | ≥ 30 µg/g     | internal     | 136 µg/g    |
| Aerobic bacteria (TAMC)  | ≤ 1000 cfu/g  | EN ISO 21149 | ≤ 10 cfu/g  |
| Yeasts and moulds (TYMC) | ≤ 100 cfu/g   | EN ISO 16212 | ≤ 100 cfu/g |
| Coliform Bacteria (TSA)  | negative / 5g | EN ISO 4832  | negative    |
| Lead (Pb)                | ≤ 1.0 mg/kg   | EN ISO 17294 | ≤ 1.0 mg/kg |
| Cadmium (Cd)             | ≤ 0.5 mg/kg   | EN ISO 17294 | ≤ 0.5 mg/kg |
| Mercury (Hg)             | ≤ 0.1 mg/kg   | EN 1483      | ≤ 0.1 mg/kg |
| Arsenic (As)             | ≤ 0.5 mg/kg   | EN ISO 11969 | ≤ 0.5 mg/kg |
| Aflatoxin B1             | ≤ 2.0 µg/kg   | HPLC         | ≤ 2.0 µg/kg |
| Aflatoxin B1, B2, G1, G2 | ≤ 4.0 µg/kg   | HPLC         | ≤ 4.0 µg/kg |

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### Description

### Pea shoot extract powder

Plant species  
Plant part used  
Appearance

Pisum sativum  
Organic shoots  
White to yellow powder

Carrier  
Additives  
Flavor / Taste  
Solubility

90-98.9 % Isomalt  
< 0.1% monosodium dihydrogen phosphate (E339)  
Weak taste of pea  
Water soluble

**Lot. Nr.** 5846-091

**Expiry** 07/2027

**Storage** 25°C, in closed containers at a dark place

**Manufacturing** 07/2024

**Retest date:** ---

| Analytical Data          | Specification | Methods      | Results     |
|--------------------------|---------------|--------------|-------------|
| Loss on drying           | < 6 %         | internal     | 3.4%        |
| Bulk density             | 350-650 g/l   | internal     | 532 g/l     |
| Particle size (D90)      | < 900 µm      | internal     | 581 µm      |
| Purine total             | ≥ 30 µg/g     | internal     | 126 µg/g    |
| Aerobic bacteria (TAMC)  | ≤ 1000 cfu/g  | EN ISO 21149 | ≤ 10 cfu/g  |
| Yeasts and moulds (TYMC) | ≤ 100 cfu/g   | EN ISO 16212 | ≤ 100 cfu/g |
| Coliform Bacteria (TSA)  | negative / 5g | EN ISO 4832  | negative    |
| Lead (Pb)                | ≤ 1.0 mg/kg   | EN ISO 17294 | ≤ 1.0 mg/kg |
| Cadmium (Cd)             | ≤ 0.5 mg/kg   | EN ISO 17294 | ≤ 0.5 mg/kg |
| Mercury (Hg)             | ≤ 0.1 mg/kg   | EN 1483      | ≤ 0.1 mg/kg |
| Arsenic (As)             | ≤ 0.5 mg/kg   | EN ISO 11969 | ≤ 0.5 mg/kg |
| Aflatoxin B1             | ≤ 2.0 µg/kg   | HPLC         | ≤ 2.0 µg/kg |
| Aflatoxin B1, B2, G1, G2 | ≤ 4.0 µg/kg   | HPLC         | ≤ 4.0 µg/kg |

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