



**Technical Data Sheet**

**Grünkohl P.E. 5% Calcium AAS**  
**Kale P.E. 5% Calcium AAS**

**PRODUCT INFORMATION**

|                        |                       |
|------------------------|-----------------------|
| Botanical name         | Brassica oleracea var |
| Part Used              | Leaf                  |
| Origin                 | China                 |
| Extraction solvent     | Ethanol & Water       |
| Kale Extract           | Approx 90%            |
| Carrier (Maltodextrin) | Approx 10%            |

| ITEM                              | SPECIFICATION                  | METHOD                   |
|-----------------------------------|--------------------------------|--------------------------|
| Calcium Assay                     | 5% Min                         | AAS                      |
| Appearance                        | Light Brown Yellow Fine Powder | Visual                   |
| Odor & Taste                      | Characteristic                 | Organoleptic             |
| Identification                    | Positive                       | TLC                      |
| Sieve analysis                    | 100% through 80 Mesh           | 80 Mesh Screen           |
| Loss on Drying                    | NMT 5%                         | Eu. Pharm. c.v. (2.8.17) |
| Total Ash                         | NMT 5%                         | Eu. Pharm. c.v. (2.4.16) |
| Bulk Density                      | 0.30-0.70g/ml                  |                          |
| Aflatoxin B1                      | 2 µg/kg                        | Eu. Pharm. c.v. (2.8.18) |
| Total Aflatoxins (B1, B2, G1, G2) | 4 µg/kg                        | Eu. Pharm. c.v. (2.8.18) |

**STATEMENTS**

|  |  |
|--|--|
| Food Quality and Safety                | According to Reg. (EC) 178/2002  |
| Hygiene of foodstuffs                  | In compliance with Reg. (EC) 852/2004  |
| Hazard                                 | Not dangerous in accordance with EU regulation (EC) No 1272/2008   |
| Contaminants                           | According to Reg. (EC) 2023/915 for food supplements   |
| Heavy Metals                           | According to Reg. (EC) 1881/2006, 629/2008   |
| Preservative                           | Preservative Free Conforms   |
| Residual Solvents                      | According to Dir. (EC) 2009/32 and amendments  |
| Pesticides                             | According to Reg. (EC) 2008/839 and Reg. (EC) 2005/396   |
| Polycyclic Aromatic Hydrocarbons (PAH) | According to Reg. (EC) 1933/2015: PAH 4- Sum of Benzo(a)pyrene, Benzo(a)anthracene, Benzo(b)fluoranthene and Chrysene: <50µg/kg Benzo(a)pyrene: <10µg/kg |
| Microbiology                           | Bacterial Count: TAMC-Bacteria <10,000 cfu/g, TYMC <300 cfu/g, Salmonella negative, E. Coli negative, Staphylococcus negative                            |
| GMO                                    | Not Detectable, GMO Free According to Reg. (EC) 1829/2003 and 1830/2003 and amendments   |
| ETO                                    | Non-ETO  |
| Vegan                                  | Vegan  |
| Sterilization Method                   | High Temperature and Pressure  |
| Irradiation                            | No ionization or other radiation is permitted According to Reg. (EC) 1992/2 and 1993/3 and amendments  |
| BSE/TSE                                | Risk Free BSE/TSE  |
| Allergen Labeling                      | No allergens requiring labeling according to Reg. (EC) 1169/2011   |
| Nanomaterials                          | Absent According to Reg. (EC) 1169/2011  |
| Titanium dioxide                       | Absent According to Reg. (EC) 2022/63  |
| Pyrrrolizidine Alkaloids               | in compliance with Reg. (EC) 2020/2040   |
| Packaging                              | According to Reg. (EC) Nr. 10/2011 and 1935/2004   |

**STORAGE AND HANDLING**

|                          |   |
|--------------------------|---|
| Storage                  | Store in a well-closed container away from moisture and direct sunlight |
| Shelf Life               | 3 years if sealed and properly stored                                   |
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**All above information according to the manufacturer**

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