



Technical Data Sheet

**Aktivkohle ex Bambus P.
Activated carbon ex Bamboo P.**

PRODUCT INFORMATION

| | |
|-----------------------|---|
| Latin name | Phyllostachys acuta C.D.Chu & C.S.Chao |
| Origin | China |
| Ingredients | 100% Bamboo, No carrier |
| Origin and Production | The specialized Vegetable Carbon Black of our company uses 5 years evergreen bamboo from Mt.Dabie as raw material, refined from high-temperature at 1000°C carbonization, steam activation, and ultrafine grinding. |
| Usage | Food additive, apply for ice cream, cakes, biscuits, beverage, candies, frozen drinks, ect. coconut shell activated carbon has rich microporous structure and a better odor adsorption effect |

ITEM

SPECIFICATION

| | |
|------------------------------------|------------------------|
| Appearance | Black Powder |
| Order / Taste | Odorless & Tasteless |
| Sieve analysis | 200nm~2000nm |
| Loss on Drying | ≤12.0% |
| Ash Content | ≤4.0% |
| pH | 9~11 |
| Alkali-soluble Coloring Substances | Passed |
| Higher Aromatic Hydrocarbons | Passed |
| Arsenic (As) | ≤1 ppm |
| Lead (Pb) | ≤1 ppm |
| Cadmium (Cd) | ≤1 ppm |
| Mercury (Hg) | ≤0.1 ppm |
| Specific Surface Area | ≥850 m ² /g |
| Iodine Adsorption Value | ≥850 mg/g |
| Total Plate Count | ≤1000 cfu/g |
| Yeast & Mold | ≤100 cfu/g |

***The color may vary**

STATEMENTS

| | |
|----------------------|---|
| Contaminants | According to Reg. (EC) 2023/915 |
| Preservative | Preservative Free |
| Residual Solvents | According to Dir. (EC) 2009/32 and amendments |
| Pesticides | According to Reg. (EC) 396/2005 and amendments |
| GMO | GMO Free According to Reg. (EC) 1829/2003 and 1830/2003 and amendments |
| ETO | ETO free |
| Vegan | Conform |
| Sterilization Method | High Temperature and Pressure |
| Irradiation | No ionization or other radiation is permitted According to Reg. (EC) 1999/2 and 1999/3 and amendments |
| BSE/TSE | Risk Free BSE/TSE |
| Allergen free | According to Reg. (EC) 1169/2011 |
| Nanomaterials | Absent According to Reg. (EC) 1169/2011 |
| Titanium dioxide | Absent According to Reg. (EC) 2022/63 |
| Packaging | According to Reg. (EC) 1935/2004 and 10/2011 and amendments |

STORAGE AND HANDLING

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|------------|--|
| Storage | Normal temperature and pressure, avoiding lights |
| Shelf Life | 2 years if sealed and properly stored |

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