

TECHNICAL DATA SHEET

**ORGANIC BILBERRY DRY EXTRACT**  
**BIO = FR-BIO-01**  
**Ref: PR 1927**

**CONTROLS**

*Botanical kind*  
*Part of the plant*  
*Ratio plant / final extract*  
*Extraction solvent*  
*Description*  
*Carrier*  
*Solubility*  
*Bulk density*  
**(Eur. Ph. VIII° Ed. 2.9.34)**  
*Loss on drying*  
**(Eur. Ph. VIII° Ed. 2.8.17)**  
*pH*  
**(Eur. Ph. VIII° Ed. 2.2.3)**  
*Screening*  
**(Internal method)**  
*Heavy metals (On request)*  
**(ICP, internal method)**  
*Pb*  
*Cd*  
*Hg*  
*Pesticides (On request)*  
**(GC-MSMS/LC-MSMS, internal method)**  
*PAH (On request)*  
*PaHs (sum of benzo(a)pyrene, benz(a)anthracene, benzo(b)fluoranthene and chrysene)*  
**(GC-MS, internal method)**  
*Benzo(a)pyrene*  
**(GC-MS, internal method)**

**SPECIFICATIONS**

Organic *Ericaceae Vaccinium myrtillus* L.  
Berry  
3 to 1  
Water  
Brown to dark brown purplish powder  
Organic maltodextrin  
To be tested following the degree of incorporation  
0.40 - 0.80  
≤ 8.00%  
2.5 – 5.5 (1% in demineralized water)  
Min 95% < 500µm  
  
< 3.00 ppm  
< 1.00 ppm  
< 0.10 ppm  
< detection limit  
  
< 50 µg/kg  
  
< 10 µg/kg

**MICROBIOLOGY**

*Total aerobic microbial count (Pétrifilm™ / ISO 4833)* < 10 000 CFU / g \*  
*Total yeasts/moulds count (Pétrifilm™ / AOAC 997.02)* < 100 CFU / g \*  
*Salmonella (TECRA™ / ISO 6579)* Absent / 25g  
*Enterobacteria (Pétrifilm™ ISO 21528)* < 100 CFU / g  
*Escherichia coli (Pétrifilm™ / ISO 16649)* < 10 CFU / g

\*Acceptable maximal count: 5 times the acceptance criterion according to Eur. Ph. VIII° Ed. 5.1.8 Category B

Complementary data:

- According to Regulation 1999/3/EC, and its modifications, the above mentioned item has not been ionized.
- According to the Regulations 2001/18/EC, and its modifications, the above mentioned item does not contain deliberately added GMO. (fortuitous or technically inevitable traces could be detected at less than 0,9).
- The product does not contain TSE/BSE substances
- Shelf life: two years in a dry place, away from light.

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