Supporting Information Table S2. Chemical properties of melanin-like pigment synthetized by soil *Bacillus weihenstephanensis* isolates in comparison to reference melanin.

|  |  |
| --- | --- |
| **Test** | **Melanin** |
|  | **Produced by *Bacillus weihenstephanensis* isolates** | **Comercial** |
| Color | Blackish-brown | Blackish-brown |
| Solubility in:  |  |  |
|  Water | + | - |
|  1 N NaOH | + | + |
|  Ethanol | - | - |
|  Acetone | - | - |
|  Chloroform | - | - |
|  Benzene | - | - |
|  Phenol | + | + |
|  Precipitation: |  |  |
|  1N HCl | + | + |
|  1% FeCl3 | + | + |
| Decolorization in: |  |  |
|  30% H2O2 | + | + |
|  5% Na2S2O4 | + | + |