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

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| --- | --- | --- |
| **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 | + | + |