

Enzymatic functionalization of wood as an antifouling strategy against the marine bacterium *Cobetia marina*

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Table S1. Treatment conditions for the enzymatic grafting of lauryl gallate (LG) on beech veneers tested in the experiment design.

| [LG] | Laccase dose | Time of reaction |
|------|--------------------------|------------------|
| mM | (U/cm ² wood) | (h) |
| 5 | 6.72 | 2 |
| 5 | 5.0 | 2 |
| 2.5 | 5.0 | 4 |
| 5 | 3.36 | 1 |
| 5 | 6.72 | 4 |
| 5 | 3.36 | 2 |
| 5 | 3.36 | 4 |
| 2.5 | 6.72 | 1 |
| 2.5 | 6.72 | 2 |
| 10 | 6.72 | 4 |
| 5 | 5.0 | 4 |
| 2.5 | 3.36 | 2 |
| 5 | 6.72 | 1 |
| 10 | 3.36 | 2 |
| 10 | 3.36 | 4 |
| 2.5 | 6.72 | 4 |
| 2.5 | 3.36 | 1 |
| 10 | 3.36 | 1 |
| 10 | 5.0 | 1 |
| 10 | 5.0 | 4 |
| 2.5 | 5.0 | 1 |
| 2.5 | 3.36 | 4 |
| 10 | 5.0 | 2 |
| 10 | 6.72 | 1 |
| 5 | 5.0 | 1 |
| 2.5 | 5.0 | 2 |
| 10 | 6.72 | 2 |