

Table 1 γ -decalactone concentration (mg/l) values for Wild type and mutant Strains with respective time

| S. No | Time (h) | WILD STRAIN | UV- 1 | UV-2 | UV-3 | UV-4 |
|-------|----------|-------------|-------|------|------|------|
| 1. | 0 | 0 | 0 | 0 | 0 | 0 |
| 2. | 24 | 10.8 | 10.6 | 11.9 | 13.2 | 8.4 |
| 3. | 48 | 31.5 | 32.9 | 33 | 36.8 | 10.8 |
| 4. | 72 | 42.8 | 43.9 | 45.6 | 52.3 | 13.2 |
| 5. | 96 | 62.2 | 63.2 | 64 | 81.9 | 16.8 |
| 6. | 100 | 43.9 | 44.1 | 45.2 | 49.6 | 15.1 |

Note: Yield of γ -decalactone during the cultivation of *Sporidiobolus salmonicolor*; (Wild type) and mutant strains UV-1, UV-2, UV-3, UV-4. Standard deviations are represented by the error bars