**S1 Table. Medium composition for *S. coelicolor* A3(2) cultivation.**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  |  |  |  |  |  |  |  |
| **R2YE medium composition** | |  |  |  | **RSM3 medium composition** | |  |
|  |  |  |  |  |  |  |  |
| **Reagents** |  | **Per liter** |  |  | **Reagents** |  | **Per liter** |
|  |  |  |  |  |  |  |  |
| Glucose |  | 10 g |  |  | Galactose |  | 15 g |
| K2SO4 |  | 0.25 g |  |  | Yeast extract |  | 11 g |
| MgCl2 |  | 10.12 g |  |  | MgCl2 |  | 5 g |
| Casamino acid |  | 0.1 g |  |  | Agar |  | 3 g |
| Yeast extract |  | 5 g |  |  |  |  |  |
| KH2PO4 (0.5%, w/v) |  | 10 mL |  |  |  |  |  |
| CaCl2 (3.68%, w/v) |  | 80 mL |  |  |  |  |  |
| L-Proline (20%, w/v) |  | 15 mL |  |  |  |  |  |
| TES buffer [pH 7.2] (5.73 %, w/v) |  | 100 mL |  |  |  |  |  |
| Trace elements solution |  | 2 mL |  |  |  |  |  |
|  |  |  |  |  |  |  |  |
| ***Trace elements solution* (1L)** |  |  |  |  |  |  |  |
| ZnCl2 |  | 40 mg |  |  |  |  |  |
| FeCl2 |  | 200 mg |  |  |  |  |  |
| CuCl2 |  | 10 mg |  |  |  |  |  |
| MnCl2 |  | 10 mg |  |  |  |  |  |
| Na2B4O7 |  | 10 mg |  |  |  |  |  |
| (NH4)6Mo7O24 |  | 10 mg |  |  |  |  |  |
|  |  |  |  |  |  |  |  |