Lampiran Diameter zona tidak ungu dan indeks degrasai AHL dari isolat bakteri uji

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| No | Isolat | Asal isolat | Diameter zona degradasi AHL (mm) dari supernatan | indeks degradasi AHL |
|
| 24 jam | 72 jam | 24 jam | 72 jam |
| 1 | KI | Sedimen tambak Pamanukan | 12  | 15  | 1.000  | 1.500  |
| 2 | K2 | Sedimen tambak Pamanukan | 11  | 17  | 0.833  | 1.833  |
| 3 | K4 | Sedimen tambak Pamanukan | 12  | 17  | 1.000  | 1.833  |
| 4 | M4 | Sedimen tambak Bengkalis | 9  | 17  | 0.500  | 1.833  |
| 5 | M5 | Sedimen tambak Bengkalis | 11  | 16  | 0.833  | 1.667  |
| 6 | M6 | Sedimen tambak Bengkalis | 11  | 15  | 0.833  | 1.500  |
| 7 | M9 | Sedimen tambak Bengkalis | 9  | 11  | 0.500  | 0.833  |
| 8 | M10 | Sedimen tambak Bengkalis | 9  | 12  | 0.500  | 1.000  |
| 9 | S12 | Sedimen tambak Karawang | 9  | 18  | 0.500  | 2.000  |
| 10 | B5 | Sedimen tambak Lampung | 10  | 12  | 0.667  | 1.000  |
| 11 | B8 | Sedimen tambak Lampung | 13  | 16  | 1.167  | 1.667  |
| 12 | U34 | Udang Karawang | 8  | 17  | 0.333  | 1.833  |
| 13 | UB6 | Udang Bengkalis | 8  | 18  | 0.333  | 2.000  |
| 14 | U12 | Udang Karawang | 8  | 10  | 0.333  | 0.667  |
| 15 | U21 | Udang Karawang | 9  | 9  | 0.500  | 0.500  |
| 16 | UJ2 | Udang Tangerang | 10  | 12  | 0.667  | 1.000  |
| 17 | UJ5 | Udang Tangerang | 9  | 12  | 0.500  | 1.000  |
| 18 | UJ6 | Udang Tangerang | 9  | 10  | 0.500  | 0.667  |

Lampiran Produksi violacein *C.violaceum*

|  |  |  |
| --- | --- | --- |
| Isolat | Produksi violacein selama 48 jam | Produksi violacein selama 72 jam |
| OD λ585 | OD λ600 | Unit Violacein OD (585/600) | λ 585 | λ 600 | Unit Violacein OD (585/600) |
| KI | 0.488  | 1.130  | 0.432  | 0.653  | 1.466  | 0.446  |
| K2 | 0.508  | 1.227  | 0.414  | 0.719  | 1.402  | 0.513  |
| K4 | 0.536  | 1.082  | 0.496  | 0.566  | 1.441  | 0.393  |
| M4 | 0.432  | 0.825  | 0.523  | 0.496  | 1.320  | 0.376  |
| M5 | 0.750  | 1.184  | 0.634  | 0.732  | 1.381  | 0.530  |
| M6 | 0.582  | 1.212  | 0.481  | 0.749  | 1.519  | 0.493  |
| M9 | 0.631  | 1.176  | 0.537  | 0.888  | 1.848  | 0.480  |
| M10 | 0.787  | 1.311  | 0.600  | 0.900  | 1.600  | 0.562  |
| S12 | 0.807  | 1.160  | 0.695  | 0.943  | 1.673  | 0.563  |
| U34 | 1.172  | 1.675  | 0.700  | 1.030  | 1.750  | 0.589  |
| UB6 | 1.134  | 1.245  | 0.911  | 1.224  | 1.390  | 0.881  |
| B5 | 0.780  | 1.234  | 0.632  | 0.896  | 1.601  | 0.560  |
| B8 | 0.780  | 1.234  | 0.632  | 1.060  | 1.600  | 0.663  |
| U12 | 0.674  | 1.172  | 0.575  | 0.837  | 1.524  | 0.549  |
| U21 | 0.800  | 1.294  | 0.618  | 0.928  | 1.447  | 0.642  |
| CV | 0.806  | 1.308  | 0.616  | 1.507  | 1.665  | 0.905 |