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 |