***Lampiran 2 Data Penelitian***

\*Perhitungan kemurnian : absorbansi 260/280

\*Perhitungan Konsentrasi c = Abs x Ɛ x F. p / l

Keterangan : (c = Konsentrasi, Abs = Faktor pengali DNA *double stranded* (50 ng-cm/ μl), Ɛ = Panjang gelombang (260 nm), F. p = Faktor pengenceran, l = path leght (1cm)

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| No. | Kode Sampel | A260 | A280 | Konsentrasi (ng/μL) | Kemurnian |
| 1. | Sampel A1 | 0,033 | 0,025 | 16,5 | 1,320 |
| 2. | Sampel A2 | 0,067 | 0,051 | 33,5 | 1,313 |
| 3. | Sampel A3 | 0,053 | 0,044 | 26,5 | 1,204 |
| 4. | Sampel A4 | 0,045 | 0,030 | 22,5 | 1,500 |
| 5. | Sampel A5 | 0,020 | 0,014 | 10,0 | 1,428 |
| 6. | Sampel B1 | 0,021 | 0,016 | 10,5 | 1,312 |
| 7. | Sampel B2 | 0,029 | 0,022 | 14,5 | 1,318 |
| 8. | Sampel B3 | 0,023 | 0,019 | 11,5 | 1,210 |
| 9. | Sampel B4 | 0,033 | 0,026 | 16,5 | 1,269 |
| 10. | Sampel B5 | 0,018 | 0,016 | 9,0 | 1,125 |
| 11. | Sampel C1 | 0,037 | 0,026 | 18,5 | 1,423 |
| 12. | Sampel C2 | 0,022 | 0,018 | 11,0 | 1,222 |
| 13. | Sampel C3 | 0,034 | 0,027 | 17,0 | 1,259 |
| 14. | Sampel C4 | 0,031 | 0,029 | 15,5 | 1,068 |
| 15. | Sampel C5 | 0,042 | 0,032 | 21,0 | 1,312 |
| 16. | Sampel D1 | 0,038 | 0,032 | 19,0 | 1,187 |
| 17. | Sampel D2 | 0,014 | 0,014 | 7,0 | 1,000 |
| 18. | Sampel D3 | 0,030 | 0,023 | 15,0 | 1,304 |
| 19. | Sampel D4 | 0,012 | 0,008 | 6,0 | 1,500 |
| 20. | Sampel D5 | 0,022 | 0,018 | 11,0 | 1,222 |
| 21. | Sampel E1 | 0,050 | 0,042 | 25,0 | 1,190 |
| 22. | Sampel E2 | 0,039 | 0,030 | 19,5 | 1,300 |
| 23. | Sampel E3 | 0,027 | 0,019 | 13,5 | 1,421 |
| 24. | Sampel E4 | 0,029 | 0,019 | 14,5 | 1,526 |
| 25. | Sampel E5 | 0,034 | 0,027 | 17,0 | 1,259 |

***Lampiran 3 Hasil Statistik***



