## BLOCK 1

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | **Water** | | **Methanol** | | **Salt Solution** | |
| **Lab Group** | **Volume (mL)** | **Mass (g)** | **Volume (mL)** | **Mass (g)** | **Volume (mL)** | **Mass (g)** |
| 1 | 8.00 | 7.98 | 8.00 | 6.06 | 8.00 | 10.00 |
| 2 | 3.15 | 4 | 2.6 | 2 | 2.1 | 2 |
| 3 | 18 | 17.6 | 18.15 | 15 | 18.10 | 21 |
| 4 | 16.3 | 17 | 15.85 | 12 | 15.40 | 14 |
| 5 | 4.10 | 3.41 | 3.50 | 2.62 | 3.90 | 5.15 |
| 6 | 11.25 | 11 | 12.46 | 10 | 12.01 | 15 |
| 7 | 14.38 | 13.96 | 15.49 | 12 | 13.83 | 17.04 |
| 8 | 9.8 | 9.91 | 10.0 | 7.68 | 10 | 12 |
| 9 | 5.3 | 5.38 | 6.05 | 4.69 | 6.08 | 7.31 |
| 10 | 21 | 20.44 | 15.00 | 17.00 | 14.3 | 22.54 |

## BLOCK 2

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | **Water** | | **Methanol** | | **Salt Solution** | |
| **Lab Group** | **Volume (mL)** | **Mass (g)** | **Volume (mL)** | **Mass (g)** | **Volume (mL)** | **Mass (g)** |
| 1 | 1.5 | 1.48 | 2.04 | 1.57 | 1.97 | 2.25 |
| 2 | 14.00 | 13 | 14.00 | 11 | 14.00 | 17 |
| 3 | 4.00 | 4 | 4.00 | 4 | 4.00 | 5 |
| 4 | 11.00 | 10.90 | 12.00 | 9.55 | 12.00 | 14.8 |
| 5 | 19.97 | 20 | 19.94 | 16.00 | 20.00 | 24 |
| 6 | 2.00 | 1.96 | 2.01 | 3.46 | 2.56 | 6.46 |
| 7 | 4 | 5.1 | 4 | 14.29 | 4 | 13.74 |
| 8 | 6.01 | 6.0 | 6.10 | 5 | 6.10 | 8 |
| 9 | 16 | 15.98 | 16.15 | 11.61 | 16.18 | 19.35 |
| 10 | 17.84 | 17.96 | 17.99 | 14.00 | 18.34 | 6.32 |

## BLOCK 5

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | **Water** | | **Methanol** | | **Salt Solution** | |
| **Lab Group** | **Volume (mL)** | **Mass (g)** | **Volume (mL)** | **Mass (g)** | **Volume (mL)** | **Mass (g)** |
| 1 | 2.01 | 2.04 | 2.10 | 1.95 | 1.93 | 2.24 |
| 2 | 4.05 | 4.03 | 4.00 | 3.05 | 4.00 | 4.81 |
| 3 | 4.40 | 4.58 | 6.00 | 3.97 | 6.05 | 7.30 |
| 4 | 7.90 | 7.95 | 8.00 | 5.05 | 7.95 | 9.06 |
| 5 | 10.01 | 10.05 | 10.00 | 7.87 | 10.05 | 11.91 |
| 6 | 11.90 | 11.85 | 12.01 | 9.59 | 11.90 | 14.36 |
| 7 | 14.02 | 13.50 | 14.08 | 11.65 | 14.06 | 16.76 |
| 8 | 12.50 | 12.57 | 15.30 | 12.08 | 16.10 | 6.47 |
| 9 | 8.00 | 8.37 | 18.60 | 13.53 | 18.74 | 21.03 |
| 10 | 20.00 | 20.35 | 19.41 | 15.61 | 19.98 | 23.76 |

## BLOCK 6

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | **Water** | | **Methanol** | | **Salt Solution** | |
| **Lab Group** | **Volume (mL)** | **Mass (g)** | **Volume (mL)** | **Mass (g)** | **Volume (mL)** | **Mass (g)** |
| 1 | 2.11 | 2.13 | 1.65 | 1.27 | 1.91 | 2.20 |
| 2 | 1.77 | 2.18 | 2.10 | 3.76 | 2.78 | 2.49 |
| 3 | 6.00 | 6.03 | 1.20 | 0.89 | 7.00 | 6.89 |
| 4 | 9.05 | 8.55 | 8.00 | 6.29 | 8.00 | 9.49 |
| 5 | 9.61 | 9.66 | 10.35 | 7.95 | 10.38 | 12.44 |
| 6 | 12.09 | 12.48 | 12.38 | 9.66 | 11.92 | 14.33 |
| 7 | 14.00 | 13.73 | 14.00 | 11.03 | 14.00 | 17.75 |
| 8 | 16.02 | 15.83 | 15.19 | 11.77 | 15.96 | 19.10 |
| 9 | 18.05 | 18.06 | 17.89 | 14.10 | 17.90 | 21.29 |
| 10 | 3.99 | 3.92 | 4.01 | 3.13 | 3.99 | 4.76 |