**ANNEXURE 2: WATER QUALITY ANALYSIS**

**D.** **Nevirapine analysis in water samples**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Sample ID | Target Conc. (µg/L) | Tank No. | Time | % Recovery | % RSD | Final Conc. (µg/L) |
| 1 | 1.48 | 11a | Start | 44 | 3 | 1.82 |
| 2 | 3.74 | 11b | Start | 58 | 10 | 3.85 |
| 3 | 1.48 | 1a | Start | 43 | 14 | 1.5 |
| 4 | 3.74 | 1b | Start | 97 | 3 | 5.3 |
| 5 | 1.48 | 1a | Renewal | 89 | 3 | 2.12 |
| 6 | 3.74 | 1b | Renewal | 80 | 10 | 10.2 |
| 7 | 3.74 | 1b | 96 hrs | 102 | 10 | 4.24 |
| 8 | 1.48 | 1a | 96 hrs | 77 | 6 | 1.43 |
| 9 | 3.74 | 3b | Start | 78 | 18 | 4.16 |
| 10 | 1.48 | 3a | Start | 60 | 8 | 1.78 |
| 11 | 1.48 | 3a | Renewal | 76 | 15 | 3.41 |
| 12 | 3.74 | 11b | Renewal | 86 | 12 | 7.89 |
| 13 | 1.48 | 3a | 96 hrs | 89 | 11 | 1.86 |
| 14 | 3.74 | 3b | 96 hrs | 91 | 10 | 5.39 |
| 15 | 1.48 | 5a | Start | 80 | 12 | 1.9 |
| 16 | 3.74 | 3b | Renewal | 87 | 14 | 7.01 |
| 17 | 3.74 | 5b | Renewal | 83 | 1 | 5.39 |
| 18 | 1.48 | 5a | 96 hrs | 93 | 9 | 1.5 |
| 19 | 3.74 | 5b | 96 hrs | 84 | 48 | 5.92 |
| 20 | 1.48 | 10a | Start | 76 | 12 | 2.89 |
| 21 | 3.74 | 5b | Start | 95 | 5 | 4.51 |
| 22 | Blank | 8 | Start | 76 | 8 | < LOD |
| 23 | Blank | 8 | 96 hrs | 93 | 15 | < LOD |
| 24 | Blank | 8 | Renewal | 69 | 13 | < LOD |
| 25 | DMSO | 9 | Start | 51 | 16 | < LOD |
| 26 | 1.48 | 5a | Renewal | 85 | 2 | 4.8 |

**LOD** = Limit of detection