

आवकन तिथि: 15/12/23

250 आर0 एफ0 संख्या: SR00044 & SR00045 (FW)

पैरामीटर: Conductivity & TDS

नमूना जांच की तिथि: 18/12/23

कुल नमूनों की संख्या: 05

सुपरवाइजर का नाम: मॉ0 ए0 रफीक

पैरामीटर: Conductivity.

| Sample code | Result (EC) $\mu\text{S}/\text{cm}$ |
|----------------------------|-------------------------------------|
| Stand, | 1413 $\mu\text{S}/\text{cm}$ |
| L00065 (RDKL/FW/FW/L00065) | 388 $\mu\text{S}/\text{cm}$ |
| L00066 | 392 $\mu\text{S}/\text{cm}$ |
| L00067 | 8690 $\mu\text{S}/\text{cm}$ |

पैरामीटर: TDS (Total dissolved solid).

| Sample Code | Sample vol. | Beaker no | Initial wt | Final wt | Result |
|---------------------|-------------|-----------|------------|-----------|-----------|
| RDKL/FW/FW/L00065 + | 100ml | 28F | 44.2026 | 44.2243 + | 217 mg/L |
| L00066 + | " | KB | 49.5644 | 49.5860 + | 216 mg/L |
| L00067 + | " | (A) | 57.1132 | 57.5667 + | 4535 mg/L |

(TDS)

$$\text{Calculation} = \frac{\text{Final wt} - \text{Initial wt} \times 100}{\text{vol. of sample}} \text{ mg/L}$$

Barak

19/12/23

आवकन लिपि: 181123

रजिस्ट्रार संख्या: SR00049 & 45

पैरामीटर: T. Hardness, Ca²⁺, Mg²⁺

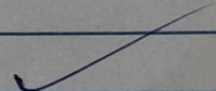
नमूना जांच के लिपि: 181123

कुल नमूनों की संख्या: 04

सुपरवाइजर का नाम: मॉड एंड रफीक

Parameters: T. H.

| Sl. NO. | Sample Code | Volume of sample (ml) | Initial Rd. (ml) | Final Rd. (ml) | diff. (ml) | Result mg/l |
|---------|--------------------------|-----------------------|------------------|----------------|------------|-------------|
| 01 | Stand. CaCl ₂ | 10 ml | 0.0 | 10 | 1 (M) | — |
| 02 | Blank | 50 ml | 10.0 | 10.1 | 0.1 | Blank |
| 03 | L00065 | 50 ml | 10.1 | 16.4 | 6.3 | 126 |
| 04 | L00066 | 50 ml | 16.4 | 22.5 | 6.1 | 122 |
| 05 | L00067 | 50 ml | 22.5 | > range | - | — |
| 06 | L00067 | 10 ml (sd) | 0.0 | 7.7 | 7.7 | 760 |



| Sl. NO. | Sample Code | Volume of sample (ml) | I. R. (ml) | F. R. (ml) | Diff. (ml) | Ca Hard (M) | Ca ²⁺ Mg ²⁺ (mg/l) |
|---------|--------------------------|-----------------------|------------|------------|------------|-------------|--|
| 01 | Stand. CaCl ₂ | 10 ml | 0.0 | 9.9 | 9.9 | 1.010 (M) | — |
| 02 | L00065 | 50 ml | 9.9 | 13.3 | 3.4 | 68.68 | + 28 + 14 |
| 03 | L00066 | 50 ml | 13.3 | 17.0 | 3.7 | 74.74 | + 30 + 12 |
| 04 | L00067 | 10 ml (sd) | 17.0 | 18.9 | 1.9 | 181.8 | + 73 + 141 |



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19.12.23