



**Phuket Water Solutions**  
 192/20 Moo 5, Cherngtalay  
 Thalang, Phuket 83110  
 office@phuketwatersolutions.com

# LAB TEST

Sample Date: 18/3/2026  
 Sample Source: Shallow Well  
 5.5-6.0m  
 Location: Kamala

**Sample Source:** Consumption Water – Shallow Well 6.5m – Big F Pro Filter

| PARAMETER                             | UNIT                                  | METHOD                                                        | RESULT       | STANDARD  |
|---------------------------------------|---------------------------------------|---------------------------------------------------------------|--------------|-----------|
| pH at 25.0 °C <sup>/2</sup>           | -                                     | 4500-H <sup>+</sup> B. Electrometric Method                   | 6.63         | 6.5 - 8.5 |
| Total Dissolved Solids <sup>/2</sup>  | mg/l                                  | Electrometric Method                                          | 83           | ≤ 500     |
| Color <sup>/2</sup>                   | Pt-Co                                 | 2120 C. Spectrophotometric-Single -Wavelength Method          | 4            | ≤ 15      |
| Turbidity <sup>/2</sup>               | NTU                                   | 2130 B. Nephelometric Method                                  | 0.78         | ≤ 5       |
| Total Hardness                        | mg/l                                  | 2340 C. EDTA Titrimetric Method                               | 61           | ≤ 300     |
| Chloride <sup>/2</sup>                | mg/l                                  | 4500-Cl <sup>-</sup> B. Argentometric Method                  | 0.9          | ≤ 250     |
| Iron <sup>/2</sup>                    | mg/l                                  | 3500-Fe B. Phenanthroline Method                              | 0.04         | ≤ 0.3     |
| Manganese <sup>/2</sup>               | mg/l                                  | 3500-Mn B. Persulfate Method                                  | 0.05         | ≤ 0.3     |
| Nitrate-Nitrogen <sup>/2</sup>        | mg/l as NO <sub>3</sub> -N            | 4500-NO <sub>3</sub> <sup>-</sup> E. Cadmium Reduction Method | 4.00         | ≤ 50      |
| Sulphate <sup>/2</sup>                | mg/l as SO <sub>4</sub> <sup>2-</sup> | 4500-SO <sub>4</sub> <sup>2-</sup> E. Turbidimetric Method    | 4.25         | ≤ 250     |
| Fluoride <sup>/2</sup>                | mg/l                                  | 4500-F <sup>-</sup> D. SPADNS Method                          | 0.88         | ≤ 0.7     |
| Total Coliform Bacteria <sup>/2</sup> | /100ml                                | Multiple Tube Fermentation Technique                          | Not Detected | < 1.1     |
| Escherichia coli <sup>/2</sup>        | /100ml                                | Multiple Tube Fermentation Technique                          | Not Detected | < 1.1     |
| Physical Appearance                   | Clear                                 |                                                               |              |           |