



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

LAB TEST

Sample Date: 5/3/2026
 Sample Source: Shallow Well
 5.5-6.0m
 Location: Kamala

Sample Source: Consumption Water – Shallow Well 6.5m

PARAMETER	UNIT	METHOD	RESULT	STANDARD
pH at 25.0 °C ^{/2}	-	4500-H ⁺ B. Electrometric Method	6.98	6.5 - 8.5
Total Dissolved Solids ^{/2}	mg/l	Electrometric Method	82	≤ 500
Color ^{/2}	Pt-Co	2120 C. Spectrophotometric-Single -Wavelength Method	1	≤ 15
Turbidity ^{/2}	NTU	2130 B. Nephelometric Method	1.01	≤ 5
Total Hardness	mg/l	2340 C. EDTA Titrimetric Method	58	≤ 300
Chloride ^{/2}	mg/l	4500-Cl ⁻ B. Argentometric Method	11.0	≤ 250
Iron ^{/2}	mg/l	3500-Fe B. Phenanthroline Method	0.07	≤ 0.3
Manganese ^{/2}	mg/l	3500-Mn B. Persulfate Method	0.08	≤ 0.3
Nitrate-Nitrogen ^{/2}	mg/l as NO ₃ -N	4500-NO ₃ ⁻ E. Cadmium Reduction Method	0.90	≤ 50
Sulphate ^{/2}	mg/l as SO ₄ ²⁻	4500-SO ₄ ²⁻ E. Turbidimetric Method	7.00	≤ 250
Fluoride ^{/2}	mg/l	4500-F ⁻ D. SPADNS Method	0.74	≤ 0.7
Total Coliform Bacteria ^{/2}	MPN/100ml	Multiple Tube Fermentation Technique	1.1	< 1.1
<i>Escherichia coli</i> ^{/2}	MPN/100ml	Multiple Tube Fermentation Technique	< 1.1	< 1.1
Physical Appearance	Clear			