

Supplemental Table S1. Classification of groundwater samples of Moroccan coastal aquifers for suitability in irrigation.

Classification Index	Range	Classification	Number of Samples	Source of Classification Ranges
EC ($\mu\text{S}/\text{cm}$)	<250 $\mu\text{S}/\text{cm}$	Excellent	1	[4]
	250–750 $\mu\text{S}/\text{cm}$	Good	42	
	750–2250 $\mu\text{S}/\text{cm}$	Permissible	194	
	2250–5000 $\mu\text{S}/\text{cm}$	Doubtful	202	
	5000 $\mu\text{S}/\text{cm}$	Unsuitable	103	
SAR	<10	Excellent	455	[4]
	10–18	Good	58	
	18–26	Doubtful	17	
	>26	Unsuitable	12	
Na%	<20	Excellent	31	[5]
	20–40	Good	192	
	40–60	Permissible	195	
	60–80	Doubtful	101	
	>80	Unsuitable	23	
MR	<50	Suitable	258	[6]
	>50	Unsuitable	284	
TH	<75	Soft	1	[7]
	75–150	Moderately hard	15	
	150–300	Hard	85	
	>300	Very hard	441	
RSBC	<5 meq/L	Safe	516	[9]
	5–10 meq/L	Marginal	24	
	>10 meq/L	Unsatisfactory	2	
KR	<1	Suitable	357	[10]
	>1	Excess level	185	