

Quality Control, Phytochemical Profile and Antibacterial Effect of *Origanum compactum* Benth. Essential Oil from Morocco

Table S1. Distribution of water salinity classes according to the USSLS standard, Richard, 1954 [27].

Soil class	EC in dS/m
Non-saline	EC < 0.25
Moderately saline	0.25 < EC < 0.75
Highly saline	0.75 < EC < 2.25
Very strongly saline	2.25 < EC < 5
Extremely salty	EC > 5

Table S2. Distribution of water nitrate classes according to standards DIAEA/DRHA/SEEN 2008 [30].

Soil class	NO ₃ ⁻ in ppm
Excellent	5
Good	5-25
Average	25-50
Wrong	50

Table S3. Soil pH Rating along with the studied soil pH.

Soil class	pH according to standards	pH of the studied soil
Acid	6	8.50
Weakly acidic	6 - 6.5	
Neutral	6.5 - 7.3	
Weakly basic	7.3 - 7.8	
Medium basic	7.8 - 8.5	
Alkaline tendency	8.5 - 9	
Very alkaline	9	

Table S4. Soil salinity ranking.

Soil class	EC in dS/m according to the standards	EC in dS/m of the soil studied
Non-saline	4	0.119
Little saline	4 - 8	
salt	8 - 16	
Highly saline	16 - 32	
Very strongly saline	32	

Table S5. P₂O₅ assimilable phosphorus classes.

Soil class	P ₂ O ₅ values (in ppm)
Very low	<15
Low	15-30
Well-endowed	30-45
High	45-100
Very high	>100

Table S6. Distribution of soil OM classes according to DIAEA/DRHA/SEEN (2008) [30].

Soil class	MO (%)
Very poor	< 0,7
Poor	0,7-1,5
Moderately poor	1,5-3
Rich	3-6
Very rich	>6