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ศูนย์วิทยทรัพยากร
จุฬาลงกรณ์มหาวิทยาลัย

APPENDIX

Zarrouk medium (Zarrouk, 1966) contained the follow components in gram per liter.

NaHCO ₃	16.80	
NaNO ₃	2.50	
K ₂ HPO ₄	0.50	
NaCl	1.00	
MgSO ₄ .7H ₂ O	0.20	
FeSO ₄ .7H ₂ O	0.01	
K ₂ SO ₄	1.00	
CaCl ₂ .2H ₂ O	0.04	
EDTA	0.08	
A ₅ Solution	1	ml/l
B ₆ Solution	1	ml/l
pH	8-10	

The A₅ Solution contained the following in g/l ; H₃BO₄ : 2.86 ; MnCl₂.4H₂O : 1.81 ; ZnSO₄.7H₂O : 0.22 ; MoO₃ : 0.01 ; and CuSO₄.5H₂O : 0.08.

The B₆ Solution contained the following in mg/l; NH₄VO₃ : 22.9 ; NiSO₃.7H₂O : 47.8 ; Na₂WO₄ : 17.9 ; Ti(SO₄) : 40.0 ; and Co(NO₃)₂.6H₂O : 4.4.

In order to prevent the reactions of some components causing the precipitation of the medium, NaHCO₃ and K₂HPO₄ were autoclaved separately. The medium was sterilized by autoclaving at 15 lb/in² for 15-20 min and the solutions were mixed together.

BIOGRAPHY

Miss Duangrat Inthorn was born on March 8, 1965 in Bangkok, Thailand. She graduated with the Bachelor of Science Degree in Microbiology from Faculty of Science, Chulalongkorn University in 1988.



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