

บรรณานุกรม

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สารอาหารModified Knudson's B Formula

$\text{Ca}(\text{NO}_3)_2 \cdot 4 \text{H}_2\text{O}$	1.00 gm.
$\text{KH}_2\text{PO}_4$	0.25 gm.
$\text{MgSO}_4 \cdot 7\text{H}_2\text{O}$	0.25 gm.
$(\text{NH}_4)_2 \text{SO}_4$	0.50 gm.
NaFeEDTA	0.005 gm.
Sucrose	20 gm.
Agar	6 gm.
*Nitsch's minor elements solution	1 ml.
Deionized water	1000 ml.
pH value $5.2 \pm 0.3$	

\*Nisch's minor elements solution

$\text{ZnSO}_4 \cdot 7\text{H}_2\text{O}$	100 mg.
$\text{MnCl}_2 \cdot 4\text{H}_2\text{O}$	2000 mg.
$\text{H}_3\text{BO}_3$	1000 mg.
$\text{CuCl}_2 \cdot 2\text{H}_2\text{O}$	10 mg.
$\text{Na}_2\text{MoO}_4 \cdot 2\text{H}_2\text{O}$	20 mg.
$\text{CoCl}_2 \cdot 6\text{H}_2\text{O}$	20 mg.
Deionized water	1000 ml.

การเตรียม stock solution ของ IAA และ kinetin

stock solution ของ IAA ที่มี 2 concentration คือ 1,000 ppm. และ 10,000 ppm.

ก. stock solution 1,000 ppm. ละลาย IAA 10 mg. ใน ethyl alcohol 95 % 10 ml.

ข. stock solution 10,000 ppm. ละลาย IAA 100 mg. ใน ethyl alcohol 95 % 10 ml.

ส่วน kinetin นั้นใช้ stock solution ที่มี concentration 1,000 ppm.

โดยละลาย kinetin 10 mg. ใน ethyl alcohol 95 % 10 ml.

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