

# CORNING

## Grace's Insect Basal Medium / Hink's TNM-FH Medium Formulation

Cat. No.	13-200	13-100
Description	Liquid, 1x	Liquid, 1x
Units	mg/L	mg/L

### Components

#### Inorganic Salts

CaCl <sub>2</sub> (anhydrous)	750.00	750.00
KCl	3720.00	2220.00
MgCl <sub>2</sub> (anhydrous)	1068.00	1068.00
MgSO <sub>4</sub> (anhydrous)	1358.00	1358.00
NaH <sub>2</sub> PO <sub>4</sub> • H <sub>2</sub> O	1008.00	1008.00
NaHCO <sub>3</sub>	350.00	350.00

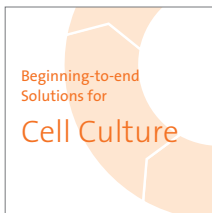
#### Amino Acids

β-Alanine	200.00	200.00
L-Alanine	225.00	225.00
L-Arginine • HCl	700.00	700.00
L-Asparagine • H <sub>2</sub> O	350.00	350.00
L-Aspartic acid	350.00	350.00
L-Cystine • 2HCl	25.00	25.00
L-Glutamic acid	600.00	600.00
L-Glutamine	600.00	600.00
Glycine	650.00	650.00
L-Histidine	2500.00	2500.00
L-Isoleucine	50.00	50.00
L-Leucine	75.00	75.00
L-lysine • HCl	625.00	625.00
L-Methionine	50.00	50.00
L-Phenylalanine	150.00	150.00
L-Proline	350.00	350.00
DL-Serine	1100.00	1100.00
L-Threonine	175.00	175.00
L-Tryptophan	100.00	100.00
L-Tyrosine	50.00	50.00
L-Valine	100.00	100.00

#### Vitamins

Biotin	0.01	0.01
D-Calcium pantothenate	0.02	0.02
Choline chloride	0.20	0.20
Folic acid	0.02	0.02
<i>D</i> -Inositol	0.02	0.02
Nicotinic acid	0.02	0.02
Para-Aminobenzoic acid	0.02	0.02
Pyridoxine • HCl	0.02	0.02
Riboflavin	0.02	0.02
Thiamine • HCl	0.02	0.02

Components (continued)	(13-200)	(13-100)
<i>Other</i>		
a-Ketoglutaric acid	370.00	370.00
D-Glucose	700.00	700.00
D-Fructose	400.00	400.00
Fumaric acid	55.00	55.00
L-Malic acid	670.00	670.00
Succinic acid	60.00	60.00
Sucrose	26680.00	26680.00
Lactalbumin hydrolysate	--	3333.00
UF Yeast Extract	--	3333.00



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**Mediatech, Inc.**  
A Corning Subsidiary  
9345 Discovery Boulevard  
Manassas, VA 20109  
t 800.235.5476  
t 703.471.5955  
f 703.467.9851  
[www.cellgro.com](http://www.cellgro.com)

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