



# Media Formulation

## NeuroGO™ Medium

Cat. No.: CC802-0500

Components	Concentration (mg/L)
<b>Amino Acids</b>	
Glycine	30.0
L-Alanine	2.0
L-Arginine hydrochloride	84.0
L-Asparagine-H <sub>2</sub> O	0.83
L-Cysteine	31.5
L-Histidine hydrochloride-H <sub>2</sub> O	42.0
L-Isoleucine	105.0
L-Leucine	105.0
L-Lysine hydrochloride	146.0
L-Methionine	30.0
L-Phenylalanine	66.0
L-Proline	7.76
L-Serine	42.0
L-Threonine	95.0
L-Tryptophan	16.0
L-Tyrosine	72.0
L-Valine	94.0
<b>Vitamins</b>	
Choline chloride	4.0
D-Calcium pantothenate	4.0

Components	Concentration (mg/L)
Folic Acid	4.0
Niacinamide	4.0
Pyridoxine hydrochloride	4.0
Riboflavin	0.4
Thiamine hydrochloride	4.0
Vitamin B12	0.0068
i-Inositol	7.2
<b>Inorganic Salts</b>	
Calcium Chloride (CaCl <sub>2</sub> ) (anhyd.)	200.0
Zinc Sulfate heptahydrate	0.194
Ferric Nitrate (Fe(NO <sub>3</sub> ) <sub>3</sub> ·9H <sub>2</sub> O)	0.1
Magnesium Chloride (anhyd.)	77.3
Potassium Chloride (KCl)	400.0
Sodium Bicarbonate (NaHCO <sub>3</sub> )	2200.0
Sodium Chloride (NaCl)	3000.0
Sodium Phosphate monobasic (NaH <sub>2</sub> PO <sub>4</sub> ·H <sub>2</sub> O)	125.0
<b>Other Components</b>	
D-Glucose (Dextrose)	4500.0
HEPES	2600
Phenol Red	8.1
Sodium Pyruvate	25.0