



BI
Biological Industries
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MCDB 131 Medium, liquid Without L-Glutamine

Catalogue Number: 06-1832-06-1

Components	Concentration (mg/L)
INORGANIC SALTS:	
Cupric Sulfate $\text{CuSO}_4 \cdot 5\text{H}_2\text{O}$	0.0012
Manganese Sulfate $\text{MnSO}_4 \cdot 4\text{H}_2\text{O}$	0.0002
Zinc Sulfate $\text{ZnSO}_4 \cdot 7\text{H}_2\text{O}$	0.0003
Nickel Chloride $\text{NiCl}_2 \cdot 6\text{H}_2\text{O}$	0.0007
Ferrous Sulfate $\text{FeSO}_4 \cdot 7\text{H}_2\text{O}$	0.278
Sodium Meta Silicate $\text{Na}_2\text{SiO}_3 \cdot 9\text{H}_2\text{O}$	2.8400
Calcium Chloride $\text{CaCl}_2 \cdot 2\text{H}_2\text{O}$	235.1000
Potassium Chloride (KCl)	298.0000
Magnesium Sulfate $\text{MgSO}_4 \cdot 7\text{H}_2\text{O}$	2463.0000
Sodium Chloride (NaCl)	6430.0000
Sodium Bicarbonate NaHCO_3	1176.0000
Disodium Hydrogen Phosphate Anhydrous	71.0000
Selenious Acid H_2SeO_3	0.0052
Ammonium Molybdate $(\text{NH}_4)_6\text{Mo}_7\text{O}_{24} \cdot 4\text{H}_2\text{O}$	0.0037
Ammonium Metavanadate NaVO_3	0.0006
OTHER COMPONENTS:	
Glucose	1000.0000
Adenine HCl	0.1710
Thymidine	0.0240
Phenol Red	12.4000
Na Pyruvate	110.0000
DL-Thioctic acid (Lipoic Acid)	0.0021
Putrescine 2HCl	0.0002
AMINO ACIDS:	
L-Alanine	2.7000
L-Arginine HCl	63.3000
L-Asparagine H_2O	15.0000
L-Aspartic Acid	13.3000
L-Cysteine HCl. H_2O	35.0000
L-Glutamic Acid	4.4000



BIOLOGICAL INDUSTRIES ISRAEL BEIT HAEMEK LTD.

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Glycine	2.3000
L-Histidine HCl .H ₂ O	41.9000
L-Isoleucine	65.6000
L-Leucine	131.0000
L-Lysine HCl	181.7000
L-Methionine	15.0000
L-Phenylalanine	33.0000
L-Proline	11.4000
L-Serine	31.4000
L-Threonine	11.9000
L-Tryptophan	4.1000
L-Tyrosine Disodium dihydrate	26.1000
L-Valine	117.0000
VITAMINS:	
Biotin	0.0073
D-Ca Pantothenate	12.0000
Choline Chloride	13.96
Folinic Acid, Calcium salt	0.6000
i-Inositol	7.2100
Niacinamide	6.1000
Pyridoxine HCl	2.0500
Riboflavin	0.0038
Thiamine HCl	3.3700
Vitamin B12	0.0136



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