

other formulations on request

Medium 199 with Earle's salts

	Supplements	C4163 mg/L	C4164 mg/L
Anorganic salts	CaCl ₂ x 2H ₂ O	264.92	264.92
	Fe(III)-nitrate x 9H ₂ O	0.72	0.72
	KCl	400.00	400.00
	MgSO ₄ dried	139.52	139.52
	Na-acetate x 3H ₂ O	82.95	82.95
	NaCl	6800.00	6800.00
	Na ₂ HPO ₄	140.00	140.00
Other components	Adenine sulfate	10.00	10.00
	AMP	0.20	0.20
	ATP	1.00	1.00
	Cholesterol	0.20	0.20
	2-Deoxy-D-ribose	0.50	0.50
	D(+)-Glucose anhydrous	1000.00	1000.00
	Glutathione (red.)	0.05	0.05
	Guanine x HCl	0.30	0.30
	HEPES	0.00	5958.00
	Hypoxanthin	0.30	0.30
	Phenol Red	10.00	10.00
	D-Ribose	0.50	0.50
	Thymine	0.30	0.30
	Tween 80	4.90	4.90
	Uracil	0.30	0.30
Xanthine	0.30	0.30	
Amino acids	L-Alanine	25.00	25.00
	L-Arginine x HCl	70.00	70.00
	L-Aspartic acid	30.00	30.00
	L-Cysteine x HCl x H ₂ O	0.10	0.10
	L-Cystine	20.00	20.00
	L-Glutamine	100.00	100.00
	L-Gutamic acid	67.00	67.00
	Glycine	50.00	50.00
	L-Histidine x HCl x H ₂ O	21.88	21.88
	L-Hydroxyproline	10.00	10.00
	L-Isoleucine	20.00	20.00
	L-Leucine	60.00	60.00
	L-Lysine x HCl	70.00	70.00
	L-Methionine	15.00	15.00
	L-Phenylalanine	25.00	25.00
	L-Proline	40.00	40.00
	L-Serine	25.00	25.00
	L-Threonine	30.00	30.00
	L-Tryptophane	10.00	10.00
L-Tyrosine	40.00	40.00	
L-Valine	25.00	25.00	

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	Supplements	C4163	C4164
		mg/L	mg/L
Vitamines	p-Aminobenzoic acid	0.05	0.05
	Ascorbic acid	0.05	0.05
	D(+)-Biotin	0.01	0.01
	Calciferol	0.10	0.10
	D-Ca-pantothenate	0.01	0.01
	Choline chloride	0.50	0.50
	Folic acid	0.01	0.01
	myo-Inositol	0.05	0.05
	Menadione	0.01	0.01
	Nicotinic acid	0.025	0.025
	Nicotinamide	0.025	0.025
	Pyridoxal x HCl	0.025	0.025
	Pyridoxin HCl	0.025	0.025
	Riboflavin	0.01	0.01
	DL- α -Tocopherolphosphate-Na	0.01	0.01
	Thiamine x HCl	0.01	0.01
	Vitamine A acetate	0.14	0.14
	Total weight (g/L)	9.61	15.57