

Composition

P04-05540 **DMEM with 4.5 g/L Glucose**
w: L- Glutamine
w: 25 mM HEPES
w/o: Sodium pyruvate
w: 3.7 g/L NaHCO₃

	Components	mg/L
Inorganic Salts	Calcium chloride anhydrous	200.00
	Iron (III) nitrate x 9H ₂ O	0.10
	Magnesium sulfate anhydrous	97.66
	Potassium chloride	400.00
	Sodium chloride	5,400.00
	Sodium dihydrogen phosphate anhydrous	108.69
Other Components	D(+)-Glucose anhydrous	4,500.00
	HEPES	5,958.00
	Sodium pyruvate	0.00
	Phenol red	15.00
Amino acids	L-Arginine x HCl	84.00
	L-Cystine x 2HCl	62.58
	L-Glutamine	584.00
	Glycine	30.00
	L-Histidine x HCl x H ₂ O	42.00
	L-Isoleucine	104.80
	L-Leucine	104.80
	L-Lysine x HCl	146.20
	L-Methionine	30.00
	L-Phenylalanine	66.00

P04-05540

	L-Serine	42.00
	L-Threonine	95.20
	L-Tryptophan	16.00
	L-Tyrosine x Na	103.79
	L-Valine	93.60
Vitamins	D-Calcium pantothenate	4.00
	Choline chloride	4.00
	Folic acid	4.00
	myo-Inositol	7.00
	Nicotinamide	4.00
	Pyridoxine x HCl	4.00
	Riboflavin	0.40
	Thiamine x HCl	4.00
	NaHCO ₃	3,700.00